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ENROLLMENT

Lake Forest College

Opened in 1876

Lake Forest College Bulletin

Volume 11 MARCH 1933 Number 7

FIFTY-SEVENTH

ANNUAL CATALOGUE

of

LAKE FOREST COLLEGE

For the Year
1932-1933

Lake Forest, Illinois

Reading Room

All correspondence relating to the
College should be addressed to the
PRESIDENT'S OFFICE
LAKE FOREST COLLEGE
Lake Forest, Illinois

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College Calendar

College Year 1932-1933

		1932	
September	19	Monday,	Registration days.
September	20	Tuesday,	See page 43.
September	21	Wednesday (8 a.m.),	First semester begins.
September	21	Wednesday,	First chapel exercises.
November	23	Wednesday (4.15 p.m.),	Thanksgiving recess begins.
November	28	Monday (8 a.m.),	Thanksgiving recess ends.
December	17	Saturday (12 m.),	Christmas recess begins.
		1933	
January	3	Tuesday (8 a.m.),	Christmas recess ends.
January	26	Thursday,	Semester examinations.
February	4	Saturday,	
February	7	Tuesday,	Registration day.
February	8	Wednesday (8a.m.),	Second semester begins.
February	22	Wednesday,	Washington's birthday.
April	1	Saturday (12 m.),	Spring recess begins.
April	11	Tuesday (8 a.m.),	Spring recess ends.
May	29	Monday,	Semester examinations begin.
May	30	Tuesday,	Memorial day.
June	4	Sunday,	Baccalaureate service.
June	9	Friday,	Semester examinations end.
June	10	Saturday,	Commencement.

Summer Vacation of Fourteen Weeks

September	18	Monday,	Freshman day.
September	19	Tuesday,	Registration days.
September	20	Wednesday,	

College Calendar

College Year 1933-1934

	1933		
September	18	Monday,	Freshman day.
September	19	Tuesday,	Registration days.
September	20	Wednesday,	See page 43.
September	21	Thursday (8 a.m.),	First semester begins.
September	21	Thursday,	First college assembly.
November	29	Wednesday (4:15 p.m.),	Thanksgiving recess begins.
December	4	Monday (8 a.m.),	Thanksgiving recess ends.
December	16	Saturday (12 m.),	Christmas recess begins.
	1934		
January	2	Tuesday (8 a.m.),	Christmas recess ends.
January	25	Thursday,	Semester examinations.
February	3	Saturday,	
February	6	Tuesday,	Registration day.
February	7	Wednesday (8 a.m.),	Second semester begins.
February	22	Thursday,	Washington's birthday.
March	31	Saturday (12 m.),	Spring recess begins.
April	10	Tuesday (8 a.m.),	Spring recess ends.
May	29	Tuesday,	Semester examinations begin.
May	30	Wednesday,	Memorial day.
June	3	Sunday,	Baccalaureate service.
June	8	Friday,	Semester examinations end.
June	9	Saturday,	Commencement.

Summer Vacation of Fourteen Weeks

September	17	Monday,	Freshman day.
September	18	Tuesday,	Registration days.
September	19	Wednesday,	

ORGANIZATION and HISTORY of LAKE FOREST UNIVERSITY

In 1855 a number of prominent citizens of Chicago and vicinity conceived the idea of creating a new residence suburb and establishing in it an educational institution that should be near the city, and yet always retain the great advantages of a quiet situation in the country. Accordingly on February 28, 1856, they formed an unincorporated land and college company under the title of "The Lake Forest Association." A site was selected along the high wooded shore of Lake Michigan twenty-eight miles north of Chicago. Here the Association purchased about 1,300 acres of land. A charter for an educational institution, under the name of Lind University, was obtained on February 13, 1857. By act of February 16, 1865, the name was changed to Lake Forest University, which has since remained the legal title of the corporation. The plat of the town of Lake Forest was recorded July 23, 1857, every alternate lot being assigned to the University for its endowment, and sixty-two acres being set aside as a campus.

The first step taken under the charter of the University was the establishment, in the fall of 1859, of Lake Forest Academy, a preparatory school for boys. College work was begun in 1861, but was discontinued after a year on account of the Civil War, which called half the first freshman class into the field. There followed, in 1869, the establishment of a school for girls, Ferry Hall, named in honor of the Rev. William M. Ferry of Grand Haven, Michigan, who left a legacy for the founding of such a school.

The third step in the development of the institution was the opening, on September 7, 1876, of Lake Forest College. The first class that was graduated from the College, in June, 1879, entered as seniors in 1878. The first class to enter Lake

Forest College and complete the four years' course was graduated in June, 1880.

The charter of Lake Forest University conveys the broadest powers for the establishment and maintenance of every grade and kind of institution for higher and professional education. A medical department was organized in Chicago as early as 1859, but was discontinued in 1864. Some years later alliances were made with certain prominent professional schools in Chicago: in 1887 with Rush Medical College and the Northwestern College of Dental Surgery, in 1888 with the Chicago College of Law, and in 1889 with the Chicago College of Dental Surgery. These relations were subsequently severed; and in 1902 the trustees of Lake Forest University unanimously decided to abandon all efforts to maintain professional departments, and to confine themselves to the development of Lake Forest College, Lake Forest Academy, and Ferry Hall.

In June, 1925, the trustees of Lake Forest University arranged for the sale of the two preparatory schools, Ferry Hall and Lake Forest Academy. These schools are now maintained in Lake Forest under private corporations with separate boards of trustees. The trustees of Lake Forest University are directing the development of Lake Forest College.

The founders of Lake Forest were Presbyterians; but while the College has always been in close sympathy with the historic church under whose auspices it was born, the Charter not only specifically forbids all denominational restrictions in the case of students, but prescribes no denominational tests either for trustees, president, or faculty. Lake Forest, however, is frankly and unequivocally Christian; founded by men who had profound faith in God, it continues to stand for the essential verities of our common Christian faith, and the effort is constantly made to maintain in the College a thoroughly Christian atmosphere.

BOARD OF TRUSTEES

HERBERT MCCOMB MOORE, *Ex-Officio*
President of Lake Forest College

TERM EXPIRES IN 1934

Henry John Hanson, '00 ..... Chicago
John Frederick Haas, '00 ..... Chicago
Harry Olson ..... Evanston
Frank William Read ..... Lake Forest

TERM EXPIRES IN 1936

Lawrence Williams Scudder ..... Lake Forest
Marion W. Woolsey, '96 ..... Chicago

TERM EXPIRES IN 1938

Abraham James Hennings, '09 ..... Evanston
Clayton Mark ..... Lake Forest
Stewart Dent Marquis, '11 ..... Evanston
Ernest Palmer '07 ..... Evanston
Louis Franklin Swift ..... Lake Forest
Rev. Andrew C. Zenos ..... Chicago

TERM EXPIRES IN 1940

Alfred Thomas Carton ..... Lake Forest
Clarence Washington Diver, '05 ..... Waukegan
George Thomas Rogers, '02 ..... Lake Forest
Howard L. Willett ..... Chicago

OFFICERS OF THE BOARD

Clarence W. Diver, *President*
Ernest Palmer, *Vice-President*
Lawrence W. Scudder, *Secretary and Assistant Treasurer*
Frank W. Read, *Treasurer* — Warren S. Hall, *Business Manager*

COMMITTEES OF THE BOARD

Executive Committee

Clarence W. Diver, *Chairman*

Alfred T. Carton — Herbert M. Moore, *ex-officio*
John F. Haas — Harry Olson
Clayton Mark — Louis F. Swift
Marion W. Woolsey

Finance Committee

A. J. Hennings, *Chairman*

Clayton Mark — Frank W. Read
Howard Willett — Marion W. Woolsey

Curriculum Committee

George T. Rogers, *Chairman*

Lawrence W. Scudder — Herbert M. Moore, *ex-officio*
Stewart D. Marquis

Buildings and Grounds Committee

Marion W. Woolsey, *Chairman*

Alfred T. Carton — Howard Willett
Ernest Palmer — Herbert M. Moore, *ex-officio*
Louis F. Swift

Pearson Loan Fund

Stewart D. Marquis, *Chairman*

John F. Haas — Herbert M. Moore, *ex-officio*
Frank W. Read

New Trustees Committee

Lawrence W. Scudder, *Chairman*

Alfred T. Carton — Herbert M. Moore, *ex-officio*
John F. Haas — Harry Olson
Ernest Palmer

ADMINISTRATIVE OFFICERS and ASSISTANTS

Office of the College
Henry C. Durand Institute

Herbert McComb Moore, D. D.
President

Warren S. Hall, B. S.
Business Manager

William E. McPheeters, Ph. D.
Dean of the College

Agnes R. Koupal, M. A.
Dean of Women

George Arthur Wood, Ph. D.
Secretary of the Faculty

Marie J. Meloy, B. A.
Registrar

Karl A. Roth, M. A.
Excuse Officer for Men

Mable Powell
Librarian

John H. Huhnke
Superintendent of Buildings and Grounds

Philip C. Allen, B. A.
Graduate Manager

Frederick H. Haye, B. A.
Assistant to the President and Alumni Secretary

Carolyn French, B. S.
Secretary to the President

Ellis C. Halverson, B. A.
Auditor

Ruth E. Zink, B. A.
Secretary to the Business Manager and to the Dean

Mary Irene Roberts, B. A.
Bookkeeper

Hazel F. Collen
Manager of the Bookstore

THE FACULTY

HERBERT MCCOMB MOORE, D. D.
President and William Bross Professor of Biblical Literature
B. A., Lake Forest, D. D., Pittsburgh.

*JOHN MILTON BAKER, B. A., Knox, Litt. B., Columbia, M. A., Harvard, Ph. D., *ibid.*
Professor of the English Language and Literature

WALTER RAY BRIDGMAN, B. A., Yale, M. A., Miami
Professor of Greek and Latin, Emeritus

FLETCHER BARKER COFFIN, B. A., Harvard, M. A., LL. B., Ph. D., *ibid.*
Professor of Chemistry

HAROLD BARTLETT CURTIS, B. A., Cornell, Ph. D., *ibid.*
Professor of Mathematics

ROSCOE EVERETT HARRIS, B. S., Missouri Teachers' College, M. S., Chicago, Ph. D., *ibid.*
Professor of Physics

BRUCE LINEBURG, B. A., Ohio, M. A. Johns Hopkins, Ph. D., *ibid.*
Professor of Biology

WILLIAM E. MCPHEETERS, B. A., De Pauw, M. A., Harvard, S. T. B., Boston, Ph. D., *ibid.*
Dean of the College and Professor of English

GEORGE NEWTON SLEIGHT, B. A., Williams, B. Pd., New York State Teachers' College, Ph. D., Chicago
Professor of Education

FREDERICK CORNELIUS LEONARD VAN STEENDEREN, Staatsexamen, Utrecht, M. A., Penn College, Ph. D., Iowa
Professor of Modern Languages

RONALD BOAL WILLIAMS, B. A., Iowa, M. A., Ph. D., *ibid.*
Professor of Romance Languages

STERLING PRICE WILLIAMS, B. A., Polytechnic College, M. A., Texas, Ph. D., Chicago
Professor of Philosophy and Psychology

GEORGE ARTHUR WOOD, B. A., Amherst, M. A., Columbia, Ph. D., *ibid.*
Professor of History

*On leave of absence from Syracuse University, 1932-1933.

S. A. HARTZO, B. A., Washington and Lee, M. A., Columbia
Associate Professor of Political Science

ERNEST AMOS JOHNSON, B. A., Colorado College, M. A., University of Denver
Associate Professor of Economics and Business Administration

AGNES ROSE KOUPAL, B. A., Illinois, M. A., Columbia
Dean of Women and Instructor in English

JOHN GEORGE HAZAM, B. A., Yale, M. A., University of California, Ph. D., *ibid.*
Assistant Professor of History

LOUIS A. KELLER, B. A., Carroll College, M. B. A., Northwestern
Assistant Professor of Economics

KARL ADOLF ROTH, B. A., Elmhurst, B. D., Oberlin, M. A., Northwestern
Assistant Professor of the History of Religion and Biblical Literature

*MARY SPERRY, B. A., Wooster, M. A., Radcliffe
Assistant Professor of English

RUSSELL CARLTON TOMLINSON, B. A., DePauw
Assistant Professor of Speech and Dramatics

LLOYD RITCHIE WYLIE, B. A., Park College, M. A., Northwestern, Ph. D., *ibid.*
Assistant Professor of Mathematics

BLANCHE ULA BOYCE, B. A., Illinois Wesleyan, B. Mus., Bush Conservatory of Music, M. Mus., *ibid.*
Instructor in Pianoforte

VICTOR GRAHAM DAVEY, B. A., St. Stephen's, M. A., Northwestern
Instructor in Romance Languages

ERNEST J. ENGQUIST, B. A., Lawrence College, M. A., Illinois
Instructor in Economics

LILLIAN MARIE LENNARDS, B. A., Northwestern, M. A., *ibid.*
Instructor in Spanish and Latin

ROBERT R. LOGAN, B. Ch. E., University of Arkansas, B. S. (Business Administration), *ibid,* M. B. A., Northwestern
Instructor in Economics

JOSEPHINE E. MILLER, B. A., DePauw, M. A., Columbia
Instructor in English

*Resigned because of ill health, November, 1932.

Elizabeth Teter Smith, B. A., Wellesley, M. A., Northwestern
Instructor in Biology

Walter S. Armbruster, B. M., Heidelberg, M. Mus., American Conservatory of Music
Director of Music

Ira Daniel MacIntosh, B. S., Rhode Island State College
Director of Physical Education for Men

Mildred Travis Murphy, B. A., Illinois, M. A., Peabody College
Director of Physical Education for Women

Robert Gerard Correll, B. A., Indiana
Assistant Director of Physical Education for Men

Mable Powell, Library Certificate, Wisconsin
Librarian

Donald Charles Carter, B. A., Lake Forest
Student Assistant in Physics

Inez Augusta Christina Larson, B. S., Wheaton College
Student Assistant in Biology

Committees of the Faculty

1932-1933

Administration: Mr. McPheeters, Chairman; Mr. Coffin, Miss Koupal, Mr. R. B. Williams.

Athletics: Mr. Lineburg, Chairman; Mr. Keller, Mr. MacIntosh, Miss Murphy.

Calendar and Schedule: Mr. Coffin, Mr. Curtis.

Class Officers: Seniors, Mr. Coffin; Juniors, Mr. van Steenderen, Mr. S. P. Williams; Sophomores, Mr. Curtis, Mr. Sleight, Mr. Wood; Freshmen, Mr. Harris, Mr. Hartzo, Miss Koupal, Mr. Roth, Mr. R. B. Williams, Mr. Wylie.

Curriculum: Mr. McPheeters, Chairman; Mr. Coffin, Mr. Johnson, Mr. Sleight, Mr. S. P. Williams, Mr. Wood.

Library: Mr. van Steenderen, Chairman; Mr. Harris, Mr. Hartzo, Mr. McPheeters, Miss Powell.

Social Activities: Mr. Curtis, Chairman; Mr. Armbruster, Miss Koupal, Miss Lennards, Mr. Tomlinson.

Publications: Mr. Keller, Chairman; Miss Sperry.

Registration and Entrance: Mr. Coffin, Mr. Lineburg.

GENERAL INFORMATION

Location

FEW suburbs in any American city equal Lake Forest in beauty and healthfulness. Situated on the shore of Lake Michigan, twenty-eight miles north of Chicago, it occupies the highest elevation of land between that city and Milwaukee, rising to a height of eighty feet above the lake. Deep, winding ravines, running inland half a mile or more, are a picturesque feature of the landscape.

Lake Forest has the appearance of a natural park. Instead of the straight streets and the regular blocks of the conventional town, there are broad country roads winding through the forest past attractive suburban residences with extensive and well-kept grounds. The name of the town is, therefore, exactly descriptive of its situation and its chief physical characteristic. The population is about seven thousand. Express trains on the Milwaukee division of the Chicago and North Western Railway give easy access to Chicago in forty-five minutes; the Chicago, Milwaukee and North Shore Electric Railway maintains a frequent and convenient service between Lake Forest and other points along the North Shore.

Lake Forest has all the advantages of proximity to a great city without its distractions and temptations. The semi-rural surroundings and homelike atmosphere of the community secure the seclusion and quiet so valuable to the student during the years of under-graduate work, while the proximity to Chicago brings within reach the musical and artistic advantages and the manifold activities of the city.

Grounds and Buildings

The campus consists of fifty acres of wooded land in the best residential district of Lake Forest, near Lake Michigan,

and is bounded on two sides by deep ravines. A third ravine divides the Campus into two parts:

(a) The South Campus, of forty acres. Here are situated College Hall, North Hall, Patterson Lodge, Academia, and the dormitories for men, Blackstone and Harlan Halls; Reid Memorial Library and Chapel; the Calvin Durand Commons for men; the Gymnasium; the Carnegie Science Hall; the President's House, and eleven residences for professors; and the central heating plant.

(b) The North Campus, of ten acres. Here are situated Lois Durand Hall, the dormitory for women; the Henry C. Durand Institute, and the Alice Home Hospital. Because of the isolation of this portion of the college grounds, the North Campus is peculiarly fitted to be the center of the women's life in the College.

ACADEMIA, first used as a Commons for men, has in recent years been used as residential quarters for bachelor members of the faculty. In 1929 a portion of the first floor was converted into quarters for the day-student women, providing rest, study, locker, and shower rooms for their convenience. The balance of the first floor is used for practice purposes by Music students.

COLLEGE HALL, built in 1878, contains the recitation rooms and laboratories of the departments of Psychology, Chemistry, Biology, and Education.

NORTH HALL, built in 1880, and entirely remodeled in 1897, has been set apart as a freshman dormitory for men; all freshmen are required to live in this building the first year. The first floor contains the recitation rooms of the departments of History, English, and Political Science.

THE REID MEMORIAL CHAPEL was erected in 1899 by

Mrs. Simon S. Reid and her family as a memorial to Mrs. Lily Reid Holt, '84, of Lake Forest, and is a fitting and attractive center for the religious life of the College. It is a Gothic building of Bedford stone, crowned by a graceful tower. In the rear of the choir is a stained glass window by Louis Tiffany.

THE LIBRARY, built at the same time as the Chapel, was given by Mrs. Reid in memory of Arthur Somerville Reid, a former student of the College. It has a stack room housing 43,250 volumes, an attractive reading room for periodicals, a large, well-lighted general reading room, and detached rooms for special collections. The library is connected with the Chapel by a cloister.

THE GYMNASIUM, built in 1890, is a solid brown-stone building with a modern equipment in apparatus, running track, hot and cold baths.

BLACKSTONE AND HARLAN HALLS, dormitories for men, built in 1906-7, are the gift of Mrs. Timothy B. Blackstone, of Chicago, and named in memory of Mr. Blackstone, late President of the Chicago & Alton Railway, and in honor of Richard D. Harlan, former President of Lake Forest University. These two dormitories are exact counterparts, built of brick in collegiate Gothic style, two stories in the main structure and three stories in the end towers, which are connected by a grill and gateway, forming an appropriate entrance to the campus.

THE CALVIN DURAND COMMONS, erected in 1907-8, is the gift of the late Calvin Durand. The dining hall, large enough to accommodate two hundred students, and the adjoining lounging room, are finished in oak paneling. The furnishings, designed by the architect of the building, were the gift of Mr. D. Mark Cummings, of Lake Forest.

CARNEGIE SCIENCE HALL, the gift of Mr. Andrew Carnegie, of New York, also built in 1907-8, makes complete provision for work in physics, mechanical drawing, and mathematics. It is a three-story brick building, similar in general style to Blackstone and Harlan Halls.

PATTERSON LODGE, formerly used as the house for the President, was redecorated and furnished in 1927 as residential quarters for women. The house is named in honor of Robert Patterson, first president of the College.

STEAM HEATING PLANT. The original unit of this building was erected in 1917, the gift of generous friends of the College, with a full complement of boilers and conduits for steam and water to all buildings of the University. In 1930 a new unit was added at a cost of $60,000.00. This new unit provides for the most up-to-date equipment of boilers, and stokers. With this system is connected an air-pressure system, supplying pure water from deep wells.

The president and a number of the professors are now provided with houses on the South Campus. Two of the latter are memorial buildings: one was erected in 1889 by the late William Bross for the Professor of Biblical Literature; the other in 1891 by the late Jacob Beidler for the Professor of Physical Sciences. In 1917 four brick buildings were erected and in 1927 four additional houses were completed so that a majority of the faculty live on the campus.

The three buildings on the North Campus were all given by Mr. and Mrs. Henry C. Durand.

LOIS DURAND HALL, a three-story brick building in Elizabethan style, is the women's dormitory. It was erected in 1898 by the late Henry C. Durand in memory of his mother, in

whose honor it is named. It is furnished with every provision for the health, safety, and comfort of the students. It is presided over by the Dean of Women.

THE HENRY C. DURAND INSTITUTE, a brown-stone building, was erected by Mr. Durand in 1891. It contains the offices of the President, Registrar, Dean, and Business Manager; the recitation rooms of the departments of Latin, Modern Languages, Economics, Religion, and Speech; the Alumni Office, and a large assembly hall, with a well-equipped stage, which is used for lectures, concerts, dramatics, and social functions.

THE ALICE HOME, the gift of the late Mrs. Henry C. Durand, was erected in 1898 as a hospital for the special use of Lake Forest University and as a memorial to her sister, Alice Bursdel Burhans. The building and grounds are now leased by the Lake Forest Hospital Association and is operated by that organization. It is equipped with every comfort and with the best modern appliances for the care of the sick. Trained nurses are in constant attendance. The charge to students for rooms and treatment at the hospital is very moderate.

FARWELL FIELD, the College athletic field, is located seven minutes' walk from the campus, on a tract of seven acres, most of which was given for this purpose by the late Senator C. B. Farwell, one of the earliest friends and greatest benefactors of the College.

THE PRACTICE FIELD for ordinary athletic practice and informal games, and the women's hockey field are on the South Campus. The tennis courts for men adjoin the Gymnasium; those for women are on the North Campus, near Lois Durand Hall.

The Library

The collection of books, now numbering 43,250 volumes, is located in the Arthur Somerville Reid Memorial Library. There is also a small but excellent collection of books on art, formerly belonging to the Lake Forest Art Institute, in the same building. It is open throughout the day, and in the evening as well while the College is in session, and at stated hours during vacations.

A large reading room in the center contains about one hundred of the current popular and scientific periodicals.

Students also have access to the excellent Lake Forest Public Library which is housed in a beautiful new building located two blocks from the campus. This collection numbers nearly 40,000 volumes and complements the College library in many respects. Students also have access to the large collections in the Chicago Public Library and the special collections in the Newberry Library and the John Crerar Library, Chicago.

Special memorial funds for the purchase of books and periodicals have been given by Charles H. Quinlan and Eliza P. Matthews. The income of a fund established in memory of William H. McClure is used for the purchase and care of translations and editions of the Bible. Through the kindness of friends of the late Professor J. J. Halsey, his entire library, including a valuable collection of books on social sciences, has been presented to the College, and is known as the J. J. Halsey Memorial Library.

In 1930 the Carnegie Foundation granted the library an appropriation of $2,000.00 a year for the next five years for the purchase of additional volumes. Many reference books of value to undergraduate study will be obtained from this fund.

Laboratories

The Biological department occupies the second floor of College Hall. This space is divided into a lecture room, a large elementary laboratory, two advanced laboratories, a research laboratory, a departmental library, a work room, and a store room. The equipment includes 66 compound microscopes, 26 dissecting microscopes, 17 binocular microscopes (Greenough type), 3 research microscopes, an exceptional collection of microscopic slides covering the various divisions of plant forms and the phyla of animal forms, a thoroughly equipped Balopticon with 450 lantern slides, aquaria for fresh water animals, constant temperature ovens, microtomes, and a well chosen teaching collection of plants, animals, embryological materials, and skeletons. Most of the equipment is practically new, having been purchased during the past few years.

The Chemical Laboratory occupies nine separate rooms in College Hall. It is fully equipped with apparatus for carrying on work in inorganic and organic chemistry, qualitative and quantitative analysis. The chemical library, consisting of some six hundred volumes, in a room adjoining the quantitative laboratory, contains sets of the leading chemical journals, and an excellent assortment of general reference books in chemistry.

The department of Physics occupies an attractive building, the gift of Andrew Carnegie. Its ingenious and complete design is a tribute to the late Professor of Physics, Frederick W. Stevens. The elementary laboratory is thoroughly equipped with apparatus for the beginning course and for the course in General Electrical Measurements. A large and complete demonstration lecture room makes it possible to enhance the lectures by physical demonstrations. Many smaller rooms are available for students engaged in work on special and advanced problems. Complete shops and mechanical drawing equipment are

provided. Rooms are supplied with electricity varying from 1000 volts direct current to variable battery supply, and sufficient alternating current supply for all purposes, with gas, water, and compressed air. Equipment for the course in Aeronautics offered as a student activity is housed in the same building.

Physical Training

Every encouragement is given to physical training, with due regard to the proper proportion of time to be given to the development of mind and body. There is a trained resident instructor for men in gymnastics and field athletics; similar training is provided for the women under the direction of a resident instructor. In addition to the regular work (see page 93) there is abundant opportunity for outdoor and indoor athletics. Football, basketball, baseball, tennis, hockey, track, and field athletics are regularly maintained under the management of the Athletic Association and the direction of the instructors.

Religious Culture

It is the constant aim of the College to maintain a wholesome Christian atmosphere, as conducive to the development of the best manhood and womanhood, and of the highest and broadest scholarship. No attempt is made, however, to impress upon the student any sectarian views.

As an important part of the curriculum, the English Bible is taught in a broadly Christian way. Students are made most welcome in the general church life of the community.

Student Assemblies

On Monday, Wednesday, and Friday, at twelve o'clock, a student assembly is held in either the Reid Memorial Chapel or the Henry C. Durand Institute. The President or some member of the faculty presides. Faculty members and qualified speakers from outside the College address the students and on

one day a week the program is in charge of the Executive Committee of the Student Association. All students are required to attend these assemblies.

Among the outside speakers who have spoken at the assemblies during the past year are Dudley Crafts Watson, lecturer on art subjects; Dr. Delton Howard, '07, Director of Personnel, Northwestern University; Judge George E. Q. Johnson, Chicago; Dr. John Timothy Stone, president, Presbyterian Theological Seminary, Chicago; Rev. Burtis MacHatton, '97, Purley, England; William Walter Sweet, professor of Religious History, University of Chicago; Walter Bartky, assistant professor of Astronomy, University of Chicago; Rev. Asa Ferry, minister of the Edgewater Presbyterian Church, Chicago; Rev. Douglas Cornell, minister of the Glencoe, Illinois, Union Church; Rev. Paul Wolfe, minister of the First Presbyterian Church, Evanston, Illinois; Dr. Samuel Harkness, minister of the Winnetka, Illinois, Congregational Church; Dr. Owen Rowe O'Neill, lecturer on Swaziland; Dr. Luther H. S. Gable, lecturer on "The Outstanding Story of Radium"; Brayton Eddy, lecturer on "The Personality of Insects." The Welsh Imperial Singers were also presented.

Student Life

Lake Forest College has no system of disciplinary rules. There are two broad requirements: good scholarship and good conduct. Students who are unwilling to cooperate in the development of proper ideals for college work and college life will be invited to withdraw whenever the general welfare demands it, even though there be no specific breach of conduct calling for their suspension.

The women residents in the dormitories have adopted self-government, administered by the Executive President and the Executive Committee, representing the four classes. With the cooperation of the Dean of Women, they establish and enforce

proper house rules in matters pertaining to the discipline and social life of the women.

In 1923 the College introduced the freshman dormitory system in the middle west. Since that date all first year men have been housed in North Hall which has been set aside exclusively for freshmen. The students live under the supervision of faculty proctors, governed by a head proctor, who confer with the students concerning their problems. Quiet is maintained during the evening and gentlemanly conduct is required at all times. Rules are determined and explained by the proctors at the beginning of each year. Violations of these rules are referred to the Dean of the College. The success of this system has been clearly reflected in the unusual decrease in failures during the freshman year.

Honor Societies

Sigma Eta — The society of Sigma Eta was founded in the Spring of 1929 to promote, encourage, and recognize high attainment in scholarship. Each year the two Juniors having the highest record of scholarship during their college course are elected to membership. Additional Seniors are also elected not to exceed a maximum of ten per cent of the class. In both cases only students who have a certain high average grade are eligible. The insignia is a key with the college seal and the letters, Sigma Eta, upon it.

Phi Eta Sigma — Phi Eta Sigma is a national Freshman Honor Society. Men who maintain a certain high average through the first semester of their freshman year, or who show the necessary average for the entire freshman year are eligible to membership. Initiation ceremonies are held twice a year. Each member is awarded a key.

Phi Sigma Iota — Phi Sigma Iota is a national Romance

Language Honor Society. Students majoring in the Department of Romance Languages who maintain a high standard of scholastic excellence are elected to membership by the members of the Department. The aim is to promote interest in research and in the study of the Romance Languages.

Sigma Tau Delta — Sigma Tau Delta is a national honorary English fraternity. Its aim is to encourage creative writing in different fields and to stimulate reading and criticism. Attendance at plays in Chicago and informal lectures by members of the faculty are included in its activities. The number is limited generally to twelve members of sophomore, junior, or senior standing. Membership is gained after original manuscripts have been submitted to the organization and have been judged on their literary merits.

Kappa Alpha is an honorary society to which women students are elected on the basis of their college achievements in scholarship, student activities, and cooperative spirit. This society aims to arouse interest among the young women of the College in all lines on constructive educational work and to uphold the highest ideals of college loyalty and personal culture.

The Iron Key is an honorary fraternity for junior and senior men, membership in which is determined by scholarship and participation in student activities.

Student Organizations

All students, upon enrollment in the College, become members of the Student Association. The aim of this organization is, in general, to regulate student conduct, foster activities, and maintain traditions. It functions through its governing body, the Student Executive Committee, which is elected annually by the members of the Association.

This Committee consists of the officers of the Association:

the president, the vice-president, and secretary, who are seniors, two junior representatives, and one sophomore representative. It is the duty of this committee to require all officers and all other committees to comply with the provisions of the constitution and by-laws and, when advisable, to bring all questions before the students. It also appoints all committees and supervises the election of class officers and officers of the Association.

Dramatics — An unusually active dramatic organization, The Garrick Players, offers excellent training in speech, acting, staging, and the producing of plays. The Players, through their program of six plays presented each year, offer to the student interested in dramatics, whether it be in acting or producing, an excellent opportunity to do interesting work. The Garrick Players are closely connected with the Speech department of the College, both of which are under the direction of Russell C. Tomlinson. Speech 9-10, Stage Fundamentals, is open to all freshmen, and through the Garrick players interested students have excellent opportunities to do practical work. The Players have an unusually well-equipped stage and several thousand dollars worth of scenic, laboratory, and electrical equipment.

Membership in the Players is granted when the student has successfully completed three requirements: (1) The year course in Stage Fundamentals, or in Interpretation, (2) participation in the cast and producing staffs of four plays, and (3) maintenance of grades of "C" or better, currently, in twelve hours of work.

Lake Forest students who are interested in dramatics are particularly fortunate in being located within forty-five minutes of Chicago's twenty-eight legitimate theatres. The opportunity of seeing the best plays is a decided asset to any student interested in the drama and the theatre.

Debate and Oratory — Intercollegiate debating teams

for men are organized each year under the supervision and coaching of the Department of Speech. Debates on subjects of timely and general interest are held with colleges in this region. Intramural contests in oratory for men and women are held each year.

Athletics — A very thorough system of athletics under the direction of the Athletic Director makes it possible for every student to participate in some branch of this activity. In the department of Intercollegiate Athletics full schedules are played in five sports, i. e., football, basketball, track (indoor and outdoor), baseball, and tennis. The schedules in these five sports are made up of representative teams from the Little Nineteen Conference, Big Ten Conference, Midwest Conference, and the Wisconsin College Conference. Lake Forest is an active member of the Little Nineteen Conference.

In the department of intra-mural athletics, firmly established leagues and tournaments are conducted in basketball, indoor baseball, track, tennis, and golf. Trophies are awarded each year in assembly to the organizations winning championships in these intra-mural activities.

The Athletic Board of Control deals with questions of intercollegiate athletic competition, and the Intra-Mural Athletic Committee deals with questions of intra-mural sports.

Musical Organizations — The musical organizations at Lake Forest College are the College Chorus, the Chapel Choir, the Band, and the Orchestra. For detailed information concerning these organizations see announcements under department of Music, page 66.

Y. W. C. A. — The Young Women's Christian Association, formed in 1895, holds its meetings in Lois Durand Hall, and serves as the usual medium for the charitable and altruistic work of the women.

Publications — The Stentor, a weekly college paper,

founded in 1887, is published by a board of student editors. The Forester, an illustrated year book, is published by a board chosen from the student body. The student publications are conducted by the student boards under the supervision of a faculty *Committee on Publications* named by the President of the College. A system of competitive selection of members of the Stentor board has been introduced, and is being contemplated for the Forester when practicable.

WINGS CLUB — The Wings Club was founded in the Spring of 1929 to promote interest in aeronautics at Lake Forest College and to furnish a comprehensive understanding of the science to those who have a vital interest in it. Membership is granted when the students have successfully completed the following requirements: (1) completion of a semester of study in the classes in Aviation conducted as an extra-curricular course at Lake Forest College; (2) maintenance of a B average during the semester's study. Prominent men in aviation may become honorary members of the club. The insignia is a pair of gold wings with L. F. C. etched at its center.

SOCIAL ORGANIZATIONS

Four fraternities and five sororities are in existence on the campus. Fraternities have living quarters and chapter rooms in Blackstone and Harlan Halls while each of the sororities are provided with a chapter room in Lois Durand Hall. These Greek letter organizations are under the control of the faculty. The activities sponsored by these groups is a large factor in the social life of the students.

LITERARY AND MUSICAL ADVANTAGES

In addition to the opportunities offered by the student organizations and the regular student assembly, the students of Lake Forest College have unusual advantages in the way of

hearing distinguished speakers and the best music. Leading representatives of business, professional, philanthropic, and literary occupations give addresses at the Reid Memorial Chapel from time to time, and the Bross Lectures bring to the College at intervals some of the leading scholars of the world.

Lake Forest College students are also able to hear many of the noted lecturers who speak in Chicago. Proximity to the city also affords students an unexcelled chance to enjoy Chicago's cultural institutions, the Chicago Civic Opera, the Chicago Symphony Orchestra, the Field Museum, and the Art Institute. Music students are also able to hear the world's most famous concert artists who appear during the winter.

DORMITORIES AND COMMONS

The dormitories are heated by steam, and are furnished by the College authorities with the following articles: bed, spring, mattress and pillow, chest of drawers, study table, and two chairs. Bed linen is furnished by the College to men residing in College dormitories. Blackstone, Harlan, Lois Durand, Patterson Lodge, and North Halls have modern electric lighting. Towels, curtains, rugs, and any other conveniences and adornments not mentioned above, must be furnished by the occupants of the room.

A deposit of twenty-five dollars (not refundable) is required with the application for a room in all dormitories. This amount is credited on the first semester bill. Students wishing to change their rooms are required to arrange the matter at the business office.

Students must room in the College dormitories as long as rooms are available.

All resident students must take their meals at the College Commons.

Students desiring to entertain guests must obtain permission; the women from the Dean of Women, the men from the Business Office of the College.

EXPENSES

Tuition—for freshmen, sophomores, and new students,
.....*per semester* $137.50
For juniors and seniors, the charge during the remainder of their attendance will continue as of 1932-33.
Students taking more than the normal 15 hours of work a semester are required to pay $7.00 per hour for each additional hour.

REQUIRED FEES

Matriculation—payable once, upon entrance..... 5.00
Activities .....*per semester* 11.00
For a student entering at the beginning of the second semester the fee will be $13.00. Covers fees for the Stentor, the Forester, Garrick Club productions, athletic events, Student Association dues, and other activities.
Library .....*per semester* 3.00

BOARD AND ROOM

For Women

Board and Room in dormitories.....*per semester* 176.00 to 240.00

For Men

Board at the Durand Commons.....*per semester* 112.50
Room .....*per semester* 51.00 to 61.00
Bed Linen .....*per semester* 5.00

FEES FOR SPECIAL PRIVILEGES

Laboratory—Biology, Chemistry, Physics.....*per semester* 7.50
A student who has paid the initial first-year fee in a science is entitled to take all advanced courses without additional laboratory charge.
Play Production .....*per semester* 10.00
See descriptive data, Speech 9-10, page 00.
Music—Voice, Violin, Piano, Organ.
See descriptive data, Practical Music, page 00.
House Dues—Resident women.....*per semester* .50
Late Registration 5.00
Students who fail to register on the designated registration days, and those who fail to complete registration on those days are required to pay this fee.
Change in Registration..... 2.00
This fee is charged for each change in registration made after Saturday of the second week of a semester, unless the change has been ordered by the faculty.
Special Examinations 2.00
This fee is charged for each special examination given for the

removal of a condition and for any examinations that may be given, for reasons peculiar to the student, at a time other than that specified by the department concerned.
Absences before and after holidays..... 2.00
Students absent from the last class meeting or laboratory exercise in any course preceding a recess or holiday or from the first class meeting or laboratory exercise in any course following a recess or holiday shall pay this fine for each absence.

SPECIAL STUDENTS

Persons enrolled as Special Students, see page 43, will be subject to the following charges: 3 hours per year, $65.00; 4 hours per year, $85.00; $20.00 for each additional hour up to and including 13. Any student carrying 14 hours is enrolled as a regular student and is subject to the full tuition charge.

COLLEGE BILLS

The regular college bills are due at the opening of each semester, and must be paid within two weeks, unless within that time a satisfactory arrangement is made with the Business Manager for later settlement. Students who fail to comply with this requirement incur an additional charge of five dollars. Pending settlement they will be excluded from classes, and absence thus incurred will be counted as unexcused.

The College bill of all new students entering Lake Forest College is due and payable upon entrance, unless prior arrangement has been made with the Business Manager to have the bill sent home, in which case $200.00 is due at entrance.

REFUNDS

1. It is understood that rooms are engaged for the semester. No rebate of room rent will be made.
2. Refund for unused board will be made for students leaving for any cause, less fifty per cent for overhead expenses.
3. Refund for tuition will not be made, except in case of illness, when a proportionate charge will be made which is not to be less than one-half of the semester's tuition.

No degrees are conferred upon students who have not paid their dues to the College.

SCHOLARSHIP AND LOAN FUNDS

THE PEARSON LOAN FUND

In 1899 the late Dr. D. K. Pearson of Chicago gave to the Trustees of Lake Forest University some property in Chicago valued at $100,000, from which half the income was to be used for the purpose of lending money to promising students needing assistance. These loans are subject to the following rules:

1. All applications for loans must be endorsed by the President, and before the granting of such loans, the President and the Business Manager must review, authorize, or reject the loan.
2. All applicants shall make a written application which shall include:
   (a) The reason for requesting the loan.
   (b) The amount desired for the present year.
   (c) How long wanted, and why needed for such a period of time.
3. Not more than $400.00 shall be loaned to any one student during his college course, and not more than $100.00 in any school year of two semesters, except in special cases of juniors or seniors, as determined by the President and the Business Manager.
4. No loan shall be made during the first semester of a student's attendance.
5. A note repayable not more than five years after leaving college shall be signed jointly by the student and one other person.
6. The note shall bear interest at the rate of 3% per annum, beginning the first day of July of the year of graduation, or withdrawal from Lake Forest University. Such interest shall be payable semi-annually on the first day of January and July of each year.

7. Any past due installment of principal and interest shall bear interest until paid at the rate of 6% per annum.
8. The full amount of the note together with interest accrued thereon shall immediately become due and payable before the student receiving such loan shall be privileged to transfer to any other college or university for undergraduate work.
9. Upon failure to pay any installment of interest or principal when due, the entire principal sum together with accrued interest to the date of payment, may at the option of Lake Forest University be declared due and payable at once.

SCHOLARSHIPS

All regular scholarship awards will be made to students for one year only (to be paid in two equal installments at the beginning of each semester) on the basis of the financial need, scholastic rating, and general worthiness of the applicant. Continuation of a scholarship during the second semester will be contingent upon the scholastic record of the student during the first semester.

Application for scholarships must be made to the President before June 1. Blanks for this purpose may be secured from the President's Office. Students in the College who hold scholarships must make application for a renewal of the aid each year.

Every holder of an ordinary scholarship is expected to repay, as soon as possible, the amount of the scholarship for the benefit of future students.

The following regulations govern awards:

1. A freshman applicant must prove his financial need, and rank in the upper quarter of his graduating class in high school, in order to qualify for scholarship aid his first semester. Thereafter regulations governing awards to upperclassmen will apply.

2. An upper-class applicant must prove his financial need and meet the required scholastic ratings in order to qualify for the following scholarship aid:

   (a) One-fourth tuition each semester will be the maximum aid for an applicant who has maintained but a C average in his work of the preceding semester.

   (b) One-half tuition each semester will be the maximum aid for an applicant who has maintained but a B-C average in his work of the preceding semester.

   (c) Full tuition will be available only to those who maintain an A-B average in the work of the preceding semester.

3. Scholarships are granted only to those who intend to complete their course of study at Lake Forest.

The income applicable to scholarships is derived as follows:

I. From funds given to establish general scholarships as follows:

The Lemuel Brooks Scholarship, given by the Rev. Lemuel Brooks of Churchville, New York, 1883	$5,000
The William Bross Scholarship, given by the Hon. William Bross of Chicago, 1883	1,500
The John Beidler Scholarship, given by Jacob Beidler of Chicago, 1882	500
The Lila Frances Ross Scholarship, given by Tuttle King of Chicago, 1882	500
The Juneau Church Scholarship, given by the Presbyterian Church of Juneau, Wis., 1883	125
The Depere Church Scholarship, given by the Presbyterian Church of Depere, Wis., 1883	100
The Corwin Scholarship, given by the Rev. Eli Corwin, D. D., of Chicago, 1889	1,000
The Helen A. Ferry Scholarship, given by Helen A. Ferry of Lake Forest, 1880 (awarded preferably to a young woman)	1,000
The Reid Scholarship, given by Mrs. Simon S. Reid of Lake Forest, 1891	2,500

The E. A. Allen Scholarship, by bequest of E. A. Allen, Arlington Heights, Ill., 1891	1,500
The H. B. Stillman Scholarship, through the College Board of the Presbyterian Church, 1906	1,000
The Robert W. Roloson Scholarship, given by Mr. Robert W. Roloson of Chicago, 1909	2,000
The Rufus N. Sage Scholarship, by bequest of Mrs. Ellen Sage of Chicago, 1911	6,000
The Arthur Dana Wheeler Memorial Scholarship, given by Mrs. Wheeler, Miss Ellen Holt and Messrs. Charles S., George H. and William Arthur Holt, 1916	2,500
The John J. Halsey Scholarship, given by a friend, 1924	1,000
The Lewis Stuart Scholarship, given by a friend, 1924	1,000
	$27,225

II. From funds given to establish scholarships in aid of students preparing for the Christian ministry as follows:

The Jacob Beidler Scholarship, given by Jacob Beidler of Chicago, 1889	$5,000
The Lemuel Brooks Scholarship, 1880	1,500
The Mrs. Maria Brooks Scholarship, given by the Rev. L. Brooks of Churchill, N. Y., 1881	1,500
The Samuel Wood scholarship, given by bequest of Mr. S. M. Wood of Omro, Wis., 1882	1,500
The Israel C. Holmes Scholarship, given by the Rev. Mead Holmes of Rockford, Ill., 1883	500
The John Converse Prize Scholarship, given by Mr. John H. Converse of Philadelphia, 1905	1,500
The Eliza O. Lind Scholarship, by bequest of Mrs. Sylvester Lind of Chicago, 1906	4,000
	$15,500

The income of the John H. Converse Scholarship Fund is awarded as a special prize scholarship to the student who has received the highest average grade among the men preparing for the Christian ministry.

III. From funds given in the name of the Lake Forest Presbyterian Church to found scholarships, the incumbents to

be appointed by the Session of the Church, or by the Scholarship Committee in the absence of action by the Session.

The Sylvester Lind Memorial Scholarship	$1,000
The Mary Whitney Chapin Memorial Scholarship	1,000
The Washington A. Nichols Memorial Scholarship	1,000
	$3,000

Total Permanent Scholarship Funds, $45,725.

IV. One scholarship of $50 given annually by the General Education Board of the Presbyterian Church to a meritorious student who is a Presbyterian.

V. The Henry Strong Educational Fund has made available to Lake Forest College, annually, a sum of $400 to be awarded worthy students as loans.

HONORS

SHIELD HONORS

The names of the four students in each graduating class who rank highest in general scholarship are inscribed upon an engraved shield, which is affixed to the walls of the library. This practice began with the class of 1910.

COMMENCEMENT HONORS

At each commencement Department Honors are awarded to members of the graduating class who have won high distinction in major work in one or more departments of study.

LAKE FOREST GRADUATE SCHOLARSHIPS AT THE UNIVERSITY OF ILLINOIS

The University of Illinois offers each year to the College a graduate scholarship of $350, with remittance of fees, for some member of the senior class to be nominated by the faculty. The chief conditions of the award are good scholarship, a degree of special preparation for work in some department of study, and promise.

PRIZES

THE McPHERSON PRIZES

The sum of three thousand dollars was contributed in 1889 by friends of the Rev. Dr. Simon J. McPherson to found the following prizes to be named in his honor:

1. PRIZE IN LATIN

A prize of twenty-five dollars will be given annually for general excellence in college Latin. The award of the prize will depend, in part, upon the result of an examination.

2. PRIZE IN ENGLISH

A prize of twenty-five dollars will be given annually. The conditions will vary from year to year in accordance with notice given in due time.

3. PRIZE IN PHILOSOPHY

The prize in Philosophy is similar to the prize in English.

4. PRIZES IN DECLAMATION

A prize exhibition in declamation and oratory is held in May. Representatives of the freshman class compete in a program of declamation; members of the three other classes present original orations. A prize of twenty-five dollars is awarded in each competition.

THE BROSS FOUNDATION

This was established in 1879 by the late William Bross, of Chicago, Lieutenant Governor of Illinois in 1866-1870, in memory of his son Nathaniel, who had died in 1856. The sum of forty thousand dollars which it entailed accumulates in perpetuity for ten years, the decennial accumulation being used in the following ten years for the purpose of stimulating the production of the best books or treatises "on the connection, relation and mutual bearing of any practical science, the history

of our race, or the facts in any department of knowledge, with and upon the Christian Religion."

The Foundation therefore provides the Bross Prize, awarded to the author of the best book on any of these topics, and arranges in Lake Forest at intervals the Bross Lectures. These have brought to the campus many distinguished men in lay and clerical circles.

The Alumni

THE GENERAL ASSOCIATION

The General Association includes all graduates and former students in good standing. The alumni are becoming more active in shaping the policies of the College, and are now numerously represented on the Board of Trustees.

The annual meeting and dinner of the alumni are held in Lake Forest during commencement. During the academic year the activities of the Association are directed by the Advisory Council, which consists of twenty representative alumni.

As an outgrowth of the increased responsibility of the alumni in the affairs of the College, and the work in connection with raising the Alumni Loyalty Fund in 1920-21, the Lake Forest Alumni Fund Association was organized and incorporated under the laws of Illinois. Its objects are to foster and promote education, and to gather and disburse moneys in the interest of Lake Forest College, but without profit to its members. All alumni who contribute to the fund are members of the Alumni Fund Association.

The Alumni General Association has always assumed the immediate expense of keeping former students informed about the College, by means of bulletins, letters, and other publications.

ADMINISTRATION of THE CURRICULUM

Admission

Students coming from high schools and academies accredited by the North Central Association of Colleges and Secondary Schools are admitted to Lake Forest College without examination, on certificate of scholarship and good character, in so far as they are able to meet the entrance requirements specified below. The same privilege is generally extended to the graduates of schools on accredited lists of other schools having similar entrance requirements. Students from accredited schools may be examined in any or all entrance requirements. Students from other colleges must present official transcripts of their record, together with a statement of honorable dismissal (See Advanced Standing, page 43).

All applicants for admission to the College, either to the freshman class or to advanced standing, will be furnished with blank forms of application. These forms are to be filled out by the persons indicated, and should be returned promptly to the Registrar.

All inquiries as to requirements for entrance should be addressed to the Registrar, Lake Forest College, Lake Forest, Illinois.

A satisfactory course of study can be arranged for students who wish to enter Lake Forest College at the beginning of the second semester.

Entrance Requirements

The admission requirements are based upon four years of secondary work. A daily recitation throughout the year is used as a convenient unit of measure; hence in the four years of secondary work there are ordinarily sixteen units.

For admission without condition fifteen units are required, nine of which are specified and six elective, as indicated in the following list:

I. Specified Units

*One Foreign Language	2
English	3
History	1
Mathematics (Algebra and Geometry)	2
Laboratory Science	1
Total	9

II. Major Electives

A total of two units in subjects listed under I above, making eleven units in all from that group.

III. Minor Electives

Any four units accepted for graduation in a four-year accredited high school.

CONDITIONAL ADMISSION

Every applicant must present fifteen high school units for entrance. If an applicant is deficient in the number of units called for in Groups I and II to the extent of one unit (two units in foreign language) he is required to make up this deficiency in the freshman year. This statement applies only to those applicants who upon graduation ranked in the upper half of their class.

Admission of applicants who, upon graduation, ranked in the lower half of their class will be determined by the results of an intelligence test, analysis of high school record, and character references. Such students when permitted to

*It is recommended that the two required language units be in Latin, and that in Mathematics there shall be a further half-year in Algebra and a half-year in Solid Geometry. These two and Trigonometry are major electives. Commercial Arithmetic and similar subjects may be minor electives.

enter will be required to make up their deficiency as indicated above.

ADVANCED STANDING

Applicants for advanced standing must file the formal application for admission and have the institution from which they wish to transfer send to the Registrar a complete official statement of their preparatory and advanced work together with a statement of honorable dismissal. On the basis of these statements, applicants will be given such advanced standing credit as their records will permit. However, no student will be given standing beyond that required for Senior classification (entrance clear and 89 semester hours). A degree will not be conferred upon any student who has not been in residence at Lake Forest College for one year, and that year the senior year. All students transferring from other institutions must comply with the specific requirements of Lake Forest College for the degree desired.

College credit will not be given for preparatory work in excess of entrance requirements unless the student passes an examination given by the committee of the faculty appointed for that purpose.

SPECIAL STUDENTS

Persons at least twenty-one years of age, who are qualified to do college work, and who are not candidates for a degree, may be admitted as Special Students upon the approval of the President and the Dean of the College.

REGISTRATION

On the appointed registration day, at the beginning of each semester (see Calendar, page 8), all students are required to report at the office of the Registrar in the Henry C. Durand Institute.

Each freshman and sophomore will be assigned to a class adviser who will assist him in arranging his schedule for the semester, and whose signature is required on each schedule. All

juniors and seniors, except those majoring in Business Administration, must have their schedules approved by their major officer, divisional chairman, and class adviser. All students in the department of Business Administration must register with the head of that department.

See page 32 for late registration fee.

FRESHMAN DAY

The first Monday of the College year (see Calendar, page 8) is set aside as Freshman Orientation Day. The curriculum and aspects of college life are explained in conferences with members of the faculty and with representatives of student activities. A reception is held in the evening in the Henry C. Durand Institute so that the students may become acquainted with the members of the faculty. All entering students must report at the Durand Institute by nine o'clock on this day.

EXTRA HOURS

The normal registration is 15 hours, distributed over six days a week. Students registering for more than 18 hours of work must have made an average grade of B in the work of the previous semester. Only unclassified students shall be allowed to register for fewer than 14 hours.

An additional $7.00 is charged for each additional hour over 15.

Regulations

ABSENCES

A. *Reporting of Absences.* The student is expected to enroll himself in the first meeting of each course he is to pursue. Absences will be counted from the first exercise whether the student has enrolled or not, unless exception is made by the Dean.

B. *Absences Before and After Holidays.* Students absent

from the last class meeting or laboratory exercise in any course preceding a recess or holiday or from the first class meeting or laboratory exercise in any course following a recess or holiday shall pay a fine of two dollars ($2.00) in each course in which such absence shall occur.

C. *Excused Absences.* Excuses for class absences will be given only when requested in writing within three academic days after the absences have occurred. No request unaccompanied by a certificate from a nurse, physician, or other authorized person will be considered. Requests from men should be submitted to the Excuse Officer for Men; from women to the Dean of Women.

D. *Unexcused Absences.* The number of unexcused absences in any one course must not exceed the number of credit hours given. Thus, three unexcused absences is the maximum allowable in a three-hour course, and two in a two-hour course. Students who exceed the maximum may be dropped from the course by the professor, subject to the approval of the President and the Dean.

ASSEMBLY ATTENDANCE

1. Attendance at student assemblies is required of all students, and counts 2 credits per semester.

2. If a student has more than six unexcused absences from assembly in a semester, he receives but 1 credit; if his unexcused absences exceed nine, he receives no credit.

3. Assembly credits lost must be made up by an equal number of hours of academic credit. Thus a student at the end of the senior year with 16 assembly credits needs 120 hours to graduate, while one with but 14 credits must have 122 hours to graduate.

CHANGE OF REGISTRATION

It is expected that after the opening of the semester, changes in registration shall be made only for urgent reasons.

Within two weeks after the opening of the semester, changes may be made, by the use of cards furnished by the Registrar, with the consent of the class advisers and the instructors. Later changes must have the sanction of the instructors concerned, the class advisers, and the Dean. In general, a student will not be permitted to enter a course after one month of the semester has passed. See page 32 for fee.

WITHDRAWAL FROM COURSE

A student cannot withdraw from a course for which he is registered unless he secures formal permission to do so through the office of the Registrar. Failure in the course will be recorded for those who do not comply with this regulation. See page 32 for fee.

WITHDRAWAL FROM COLLEGE

A student who finds it necessary to withdraw from the College must confer with the Dean of the College, and fill out a withdrawal form. Lake Forest College will not grant a statement of honorable dismissal to anyone who fails to comply with this requirement.

CLASSIFICATION OF STUDENTS

Seniors must have entrance clear and 89 semester hours or more.

Juniors must have entrance clear and 59 to 88 semester hours.

Sophomores must have entrance clear and 27 to 58 semester hours.

Freshmen must have under 27 semester hours.

(In this classification, credit for physical education is not included.)

The classification is always based on the total number of hours, and no account is taken of specific deficiencies. No

student shall receive a given classification unless he has satisfied the pertinent requirements without condition.

GRADES

Students' grades are recorded in letters. A signifies a very high grade, B a good grade, C a fair grade, D a merely passing grade. I is given when a student has not completed the required work of a course. It can be replaced by any grade, if the work is completed within one academic month after the end of the semester. Otherwise it automatically becomes X. X indicates a condition and may be removed by re-examination within one year. It cannot be raised to a grade higher than D. Unless removed it automatically becomes E. E indicates failure in which case credit can be gained only by repeating the work of the course. An E is given for withdrawal from course without permission. W is given when a student doing passing work withdraws from a course with the approval of the Dean and the instructor of the course.

The students' grades are recorded in record books which contain a complete account of the courses presented for entrance as well as the grades received while in the College. These books are given to the students at registration and are called for by the Registrar before the end of each semester in order that the record may be complete. These record books cannot be regarded as an official transcript of work done in the College.

GRADE REPORTS

Reports of grades are made at the close of each semester to each student's parents or guardians.

EIGHT HOUR RULE

Regular students who, as shown by the second or third monthly report of a semester, are passing in fewer than eight hours of their work, are dropped from the roll. Such students

may be reinstated only on recommendation of the Dean and will be considered as on probation for the remainder of the semester.

If a student shall fail to pass in 8 hours of work, in any semester (exclusive of physical training), he shall be required to leave the campus within five days and shall be suspended for one semester, except that for first year students taking less than 15 hours the minimum for the first semester shall be 7 hours credit.

The above does not apply to special students who have received faculty permission to carry less than 8 hours.

ELIGIBILITY

In order to be eligible for participation in any student activity, a student must have passed in at least 12 hours of academic work for the last semester in attendance at Lake Forest College or any other accredited college or university.

The above rule shall apply to all students except freshmen. For them, the eligibility requirement of 12 hours shall become operative at the close of the first two months of the semester. This, however, will not limit in any way the disciplinary power of the faculty to deal with special cases of deficient scholarship during the first two months.

Students ineligible because of conditions may regain eligibility by removal of the conditions on the day or days scheduled for such examinations.

The names of all students participating in any student activity shall be reported to the Dean. The administration of this rule is in his hands.

In addition to the above general eligibility for participation the following specific rules have been enacted by the faculty:

Members of a varsity or freshman squad shall not compete on any other teams in the same sport except during college vacations. Violation of this rule will subject the player to such

penalties as the Faculty Committee on Athletics shall deem proper.

Any student not passing in 12 semester hours as shown by the periodic (monthly) delinquent reports shall be ineligible for freshman and intra-mural competition and for practice in preparation for such competition. Eligibility is to be determined 3 days after the periodic reports are due.

Organized athletic groups, such as fraternity teams, must obtain permission of the Faculty Committee on Athletics before scheduling games with an outside team.

AUTOMOBILES

All day students, and sophomore, junior, and senior resident students are required to obtain permits to have automobiles on the campus, from the Dean's Office. The ownership of an automobile by a resident student will be looked upon as an unwarranted expense if such a student is receiving help from the College. Resident freshmen are prohibited the use of cars during the college year.

REQUIREMENTS for GRADUATION

General Rules

THE College course, extending through four years, is divided into eight semesters, two for each academic year. The unit of work, or "semester hour," is one recitation period a week for one semester, two hours of laboratory work being the equivalent of a single recitation period. One hundred and twenty semester hours in the studies of the curriculum are required for graduation. The required work in physical education must be added to this total.* Students who select courses announced to extend through two semesters will not receive credit for one semester's work in such courses without the consent of the instructor.

Students electing any laboratory science, or history, who have had only one year's work therein in high school, will in general be expected to enter the first year college course in that subject and will receive regular college credit. College credit shall not be given for preparatory work in excess of entrance requirements unless the student passes an examination given by the committee of the faculty appointed for that purpose.

Requirements for the Degree of Bachelor of Arts

To secure the degree of Bachelor of Arts, the student is required to complete a course of study consisting of (1) certain prescribed courses (see page 51), (2) a specified number of hours in a field of concentration and in a major, and (3) enough electives to bring his work up to the total requirement of 120 hours, making an average of 15 hours a week throughout the four years. The specific requirements in each department are described below, and following this there

*See page 51.

is an outline of a typical four-year course with the requirements and suggested courses arranged by years. No student is eligible for a degree who has not been in residence at Lake Forest College for one year, and that year the senior year.

Students must secure for graduation as many credit points as there are credit hours required for graduation (exclusive of physical education). Three credit points are given for each semester hour of "A" grade; two for each semester hour of "B" grade; and one for each semester hour of "C" grade. In the case of students entering by transfer from other colleges the credit point requirement will apply to all work taken at Lake Forest College, but not to transferred credits. The credit point requirements must be satisfied in respect to all work taken after September, 1923.

I. REQUIRED SUBJECTS, BY DIVISIONS

Division I.

English—Six hours of composition, English 1-2, freshman year. Students who at entrance demonstrate exceptional ability in English Composition may be excused from the requirement. Four hours of literature.

Foreign Language—Six to twelve hours, to be completed by the end of the sophomore year. Students who do not present two units of high school language for entrance must complete twelve hours in college in one language.

Division II.

Social Science—Six hours, in Social Science 1-2, freshman year.

Division III.

Philosophy, Psychology, or Education—Six hours.
Religion—Three hours.

Division IV.

Science—Eight hours in Biology, Chemistry, or Physics, to be completed by the end of the sophomore year.

II. REQUIRED SUBJECTS, NON-DIVISIONAL

Physical Education for Men—Two hours a week, freshmen and sophomore men.

Physical Education for Women—Three hours a week, freshman and sophomore women. One hour of college credit is given for the course in Hygiene required of freshmen women (see page 94).

III. RESTRICTED COURSES

One hour will be deducted from the credit of any Junior or Senior taking the following courses:

Biology 1-2
Chemistry 1-2
Economics A-B
English 1-2
French 1-2
German 1-2
Latin 1-2 and 3-4
Mathematics A and 1-2
Physics 1-2
Religion 1-2
Spanish 1-2
Speech 1-2

One hour will be deducted from the credit of any senior taking the following courses:

Economics 1-2 and 3-4
Education 1 and 2
English 5-6 and 7-8
French 3-4 and 5-6
History 5-6
German 3-4
Political Science 1-2
Psychology 1-2
Mathematics 5
Spanish 3-4 and 5-6
Speech 9-10

IV. SUGGESTED SCHEDULE OF COURSES

FRESHMAN YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
English 1	3*	English 2	3*
Foreign Language	3	Foreign Language	3
Social Science 1	3	Social Science 2	3
Laboratory Science	4	Laboratory Science	4
Physical Education (See above)		Physical Education (See above)	
Electives	3	Electives	3
	16		16

* Students who at entrance demonstrate exceptional ability in English Composition may be excused from this requirement.

SOPHOMORE YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
English Literature	2*	English Literature	2*
Foreign Language	3†	Foreign Language	3†
Philosophy, Psychology or Education	3	Philosophy, Psychology or Education	3
Religion	3	Physical Education (See above)	
Physical Education (See above)		Electives**	7
Electives**	4		
	15		15

*† In case these requirements have been met within the first year, electives may be substituted.

** See Divisions, page 59.

JUNIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Work required in the Field of Concentration and Electives	15	Work required in the Field of Concentration and Electives	15
	15		15

SENIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Work required in the Field of Concentration and Electives	15	Work required in the Field of Concentration and Electives	15
	15		15

FIELD OF CONCENTRATION AND MAJOR REQUIREMENTS

Not later than the second semester of his sophomore year each candidate for the degree of Bachelor of Arts (except in Business Administration) shall select a Field of Concentration in one of the Divisions (see page 59) and a department of major interest in that field.* He must complete a minimum of thirty hours in his Field of Concentration, including a minimum of eighteen hours in his Major department and at least twelve hours outside his Major department within the Division. He may not count a purely preliminary course in his Major department toward his Major or toward his Field of Concentration. He may, with the consent of the chairman, count toward his Field of Concentration a purely preliminary course in a department (not his Major) in his Division. His program in the Field of Concentration must be approved by the Chairman of

*Except members of the class of 1934, who shall follow the major requirements in the 1931-32 catalogue, page 52.

his Division, or, in the case of candidates for the degree of Bachelor of Arts in Business Administration, by the head of that Department.

For sufficient cause a student may change his Major or his Field of Concentration. His new program, however, must be approved by the Chairman of his new Division. A student who transfers with advanced standing from another institution will have his program adjusted to the requirements for a Major and a Field of Concentration at Lake Forest College.

Any one of the following may be selected as a major subject: (1) Biology; (2) Chemistry; (3) Economics; (4) Education; (5) English; (6) French; (7) Latin; (8) History; (9) Mathematics; (10) Modern Languages; (11) Music; (12) Philosophy; (13) Physics; (14) Political Science; (15) Psychology; (16) Religion; (17) Romance Languages; (18) Spanish; (19) Speech and Dramatics.

Preparation for Professional and Technical Study

The tendency of the best professional and technical schools is to become graduate schools, based upon a four years' college course, a standard already set by the strongest professional schools in the East.

The following suggestions may serve as a guide to students who have a definite calling in view.

ENGINEERING

The student contemplating engineering will find it greatly to his advantage to take at least two years of college work in anticipation of his technical courses. Thorough courses in physics, chemistry, mathematics, English, and modern languages, which are common to all courses in engineering, enable the

student to prepare himself for the special technical course while availing himself of the opportunity for work in subjects not directly pertinent to engineering but very pertinent to modern life. A course embodying the fundamental subjects required during the freshman and sophomore years in the technical schools is as follows:

Freshman Year		Sophomore Year	
Chemistry 1-2	8 hours	English 7-8	4 hours
English 1-2	6 hours	Mathematics 5-6	6 hours
Mathematics 1-2	6 hours	Mathematics 7-8	6 hours
Modern Language 1-2	6 hours	Physics 1-2	10 hours
Social Science 1-2	6 hours	Modern Language	6 hours

LAW

The law schools vary widely in their admission requirements. The strongest law schools require the full four years' college course. The most important college subjects for students preparing for law are English (especially oral and written composition), Latin, Mathematics, History, Political Science, Economics, Logic, and Psychology. The following schedule is suggested for the first two years:

First Year		Second Year	
English 1-2	6 hours	Economics 1-2	6 hours
Social Science 1-2	6 hours	English 5-6 or 7-8	4 hours
Laboratory Science	8 hours	Latin 5-6	6 hours
Latin 1-2	10 hours	History 1-2, 5-6, or 9-10	6 hours
		Political Science 1-2	6 hours
		Psychology 1-2	6 hours

MEDICINE

The better medical schools now strongly recommend a full college course for entrance, with emphasis placed upon training in the sciences. A student preparing for medicine should consult with the Professor of Biology. His course should approximately follow the outline given below. This suggested

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ENROLLMENT

program will fulfill all of the graduation requirements of the college.

First Year

English 1-2 . . . . . 6 hours
Modern Language 1-2 . . . . 6 hours
Social Science 1-2 . . . . . 6 hours
Chemistry 1-2 . . . . . 8 hours
Biology 1-2 . . . . . 8 hours

Second Year

English Literature . . . . . 4 hours
Chemistry 3-4 . . . . . 8 hours
Physics 1-2 . . . . . 10 hours
History . . . . . 6 hours
Mathematics 1-2 . . . . . 6 hours

Third Year

Chemistry 5-6 . . . . . 8 hours
Biology 19 and 20 . . . . . 9 hours
or
Biology 24 and 27 . . . . . 6 hours
Psychology 1-2 . . . . . 6 hours
Religion . . . . . 3 hours
Economics 1-2 . . . . . 6 hours

Fourth Year

Chemistry 11-12 . . . . . 6 hours
Biology 19 and 20 . . . . . 9 hours
or
Biology 24 and 27 . . . . . 6 hours

MINISTRY

The best divinity schools require for admission the completion of the college course or its equivalent. The college work for students preparing for the Christian ministry should include courses in Biblical literature, English language and literature, Political and Social Science, and History. The following schedule is suggested for the first two years:

First Year

English 1-2 . . . . . 6 hours
Social Science 1-2 . . . . . 6 hours
Religion 1-2 . . . . . 6 hours

Second Year

English 7-8 . . . . . 4 hours
History 1-2 . . . . . 6 hours
Religion 3-4 . . . . . 6 hours
Psychology 1-2 . . . . . 6 hours
Sociology 1 . . . . . 3 hours
Biology 1-2 . . . . . 8 hours

DEPARTMENT OF BUSINESS ADMINISTRATION

The purpose of this department is to prepare men and women for ultimate leadership in business, political life, and social service. Prerequisite to such leadership is the ability to qualify as well-trained in some specific field of income-yielding endeavor. Each student, therefore, is given the broadest possible basis of cultural education, with an effective specilization in some subject of his choice, in which there is demand for trained workers in the practical field.

Students who intend to go on to post graduate work in Economics after receiving the Bachelor's degree, should merely register for a major in Economics, as outlined on page 71.

Students desiring a commercial course, or preparing definitely for professional life in Accountancy, Banking, Industrial Arbitration, Insurance, Labor or Production Management, or Sales Management, should begin specialization at once in accordance with the schedule below.

Upon completion of this schedule comprising 120 credit hours, the degree of Bachelor of Arts in Business Administration will be conferred.

It will be noted that this schedule is so arranged that the student may, at any time previous to the junior year, transfer to any other field without loss of credits or standing.

ECONOMICS, COMMERCE, AND MANAGEMENT

FRESHMAN YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
English Composition	3	English Composition	3
Language	3	Language	3
Accounting	3	Accounting	3
Social Science	3	Social Science	3
Electives	3	Electives	3
	15		15

SOPHOMORE YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
American Government	3	American Government	3
Language	3	Language	3
Laboratory Science	4	Laboratory Science	4
English 5 or 7	2	English 6 or 8	2
Economics 1	3	Economics 2	3
	15		15

JUNIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Money, Credit and Banking	3	Banking Practice	3
Corporation Finance	3	Investments	3
Statistics	3	Economic Cycles	3
Electives	6	Electives	6
	15		15

SENIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Business Law	3	Business Law	3
Marketing	3	Labor Problems	3
Value and Distribution	3	Electives	9
Electives	6		
	15		15

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COURSES

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IN the numbering of the courses, odd numbers indicate first semester courses, even numbers second semester courses. A hyphen between the semester course numbers (1-2) indicates that credit will be given only on the completion of the whole year's work. A comma between the numbers (3, 4) indicates that credit will be given for the work of either semester. The number of hours refers to the credit per semester allowed for the course; see page 50.

DIVISION OF LANGUAGE, LITERATURE, AND FINE ARTS

PROFESSOR VAN STEENDEREN, *Chairman*

ENGLISH

PROFESSORS BAKER, MCPHEETERS; ASSISTANT PROFESSOR SPERRY*; MISS KOUPAL, MISS MILLER, MISS MURPHY.

English 1-2, six hours of composition, is required of all students and is to be taken in the freshman year. For the four hours of literature required either 5-6, 7-8, or 29-30 should be taken. Students who major in English must complete a minimum of 18 hours in addition to 1-2. The major must include 7-8, 15-16, and 21-22. In the Division but outside the major department 12 additional hours must be taken to complete the requirement for the Field of Concentration.

1-2. ENGLISH COMPOSITION — A course in the principles and practice of composition, with conferences for personal criticism. Outside reading. Required of all freshmen. *Three hours a week, two semesters.* Professor Baker, Professor McPheeters, Miss Koupal, Miss Murphy, Miss Miller.

5-6. VICTORIAN LITERATURE — English prose writers and poets from 1837-1901, particularly Macaulay, Carlyle, Arnold, Newman, Ruskin, Huxley, Stevenson, the Brownings, Tennyson, Swinburne, the

*** Resigned, November, 1932, on account of ill health.**

Rossettis, and Morris. Open to sophomores, juniors, and seniors. Given in 1933-34. *Two hours a week, two semesters.*

7-8. HISTORY OF ENGLISH LITERATURE — A historical and appreciative study of English literature. Particular attention is given to the most important writers. Must be taken before the junior year to count toward a major in English. Open to sophomores, juniors, and seniors. *Two hours a week, two semesters.* Given in 1933-34.

9. EIGHTEENTH CENTURY LITERATURE — A study of such representative writers as Pope, Defoe, Swift, Steele, Addison, Johnson, Boswell, and Goldsmith. Some attention is given to the rise of periodicals and the beginnings of journalism. Prerequisite: junior or senior rank. *Three hours a week, one semester.*

11-12. SPENSER AND MILTON — English literature exclusive of the drama of the 16th and 17th centuries. Prerequisite: junior or senior rank. *Two hours a week, two semesters.* Professor Baker.

13. CHAUCER — The Canterbury Tales, and other poems. Chaucer's life and times. Prerequisite: junior or senior rank. *Three hours a week, one semester.*

15-16. SHAKESPEARE — A detailed study of his most important plays and a rapid reading of others. Required for a major in English. Prerequisite: junior or senior rank. *Three hours a week, two semesters.* Given in 1933-34.

17-18. ENGLISH DRAMA — A study of plays representative of the origin and development of English drama up to 1880. Prerequisite: junior or senior rank. *Three hours a week, two semesters.*

19-20. CONTEMPORARY DRAMA — Replaced by English 41, which see for description. Given in 1932-33, *three hours a week, two semesters.* To be given in 1933-34, *three hours a week, first semester.* Professor McPheeters.

21-22. THE ROMANTIC PERIOD — English Literature from 1785 to 1832. Required for a major in English. Open to juniors and seniors. Prerequisite: junior or senior rank. *Three hours a week, two semesters.* Professor Baker.

24. ADVANCED COMPOSITION — A study, more advanced than English 1-2, of structure and style. Open to sophomores, juniors, and seniors. *Two hours a week, one semester.*

26. THE SHORT STORY — The reading of English and American short stories from the time of Poe to the present. Selected readings from European short stories. A study of short story technique. Prerequisite: junior or senior rank. *Two hours a week, one semester.*

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29-30. American Literature — Lectures with assigned readings. Open to sophomores, juniors, and seniors. *Two hours a week, two semesters.* Given in 1933-34.

31-32. The English Novel — History of the English novel to 1890. Reading of representative novels. Prerequisite: junior or senior rank. *Three hours a week, two semesters.* Miss Miller.

37. Literary Criticism — The principles of literary criticism. Prerequisite: senior rank and the consent of the instructor. *Three hours a week, one semester.*

38. The English Essay — A survey of the type with special study of Bacon, Addison, Steele, Lamb, Hazlitt, and contemporary essayists Conferences, reports. Open to sophomores, juniors, and seniors. Prerequisite: junior or senior rank. *Two hours a week, one semester.*

41. Contemporary Drama — English and American drama from the time of Robertson to the present. Also a study of influences and movements in European drama following Ibsen, and the concomitant developments in the theatre. Particular emphasis on Ibsen, Galsworthy, Barrie, Shaw, O'Neill, and the more important of the recent playwrights. Prerequisite: junior or senior rank. *Three hours a week, one semester.* Given in 1933-34. Professor McPheeters

42. Contemporary Novel — The British novel since Hardy; the American novel since Howells and Twain. Prerequisite: junior or senior rank. *Three hours a week, one semester.* Given in 1933-34. Professor McPheeters.

43-44. Contemporary Verse — A study of American verse from Whitman to Sandburg and of British verse from Hardy to Masefield. Prerequisite: junior or senior rank. *Two hours a week, two semesters.* Professor McPheeters.

Latin

Miss Lennards.

Additional courses in Roman Comedy, Lucretius, and Juvenal will be given on request. Some of the courses will be offered only in alternate years.

1-2. Beginning Latin — Caesar, with special emphasis on its relation to English. *Four hours a week, two semesters.*

3. Cicero — Open to students who present two years of Latin for admission. *Three hours a week, first semester.*

6. Vergil — Open to students who present three years of Latin for

admission or who have completed Latin 3. *Three hours a week, second semester.*

7-8. Cicero, Livy, Terence, Horace — Open to students who have presented four years of Latin for admission. *Three hours a week, two semesters.*

9-10. Horace's Satires, Tacitus' Agricola, Martial — Open to students who have completed Latin 7-8. *Three hours week, two semesters.*

11-12. Horace's Epistles, Elegiac Poets, Catullus — Open to students who have completed Latin 9-10. *Three hours a week, two semesters.*

13. Greek and Roman Mythology — Open to all students. Lectures, readings, and reports. A survey of the subject through the use of Gayley's Classic Myths and Ovid's Metamorphoses in translation. *Two hours a week, one semester.*

Modern Languages

Professors van Steenderen, R. B. Williams; Mr. Davey, Miss Lennards.

A major in French or in Spanish consists of 18 credit hours above 1, 2; but a Spanish major includes either 3, 4 or 5, 6, not both. A major in Romance Languages is based on French 1-2, and it includes twelve hours out of French 3, 4; 5, 6 or 13, 14; 7, 8 or 9, 10; 11, 12, besides six hours in Spanish above 1-2; or in Italian 1-2; 3, 4. A major in Modern Languages consists of 12 hours of French and 6 of German, all above 1, 2; or of 6 hours each of French, German, and Spanish or Italian, all of which, except Italian, must be above 1, 2.

Complementary courses to make up a total of 30 hours required for a major: English 5-6, 21-22 (with French or Spanish 3, 4); 9-10, 15-16, 17-18 (with French 11, 12); 17-18, 31-32 (with French 7, 8; 9, 10). German 3, 4; 5, 6. Italian 1-2; 3, 4. Latin: any literary course above 3, 4. Spanish: any hours above the first six. Speech 5, 6.

Courses in both French and Spanish 7, 8 alternate with 9, 10; 11, 12 with 13, 14. Italian 1, 2 alternate with 3, 4. In

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1933-34 French 7, 8; 11, 12: Spanish 9, 10; 13, 14; Italian 3, 4 will be given.

FRENCH

1-2. FIRST YEAR COURSE — This course consists of the study of grammar, composition, and the reading of modern French. Careful training in pronunciation is given. *Two sections. Three hours a week, two semesters.* Mr. Davey.

3, 4. INTERMEDIATE FRENCH, READING — This course deals with short stories, poems, novels, and plays of the great poets and masters of fiction and drama in France during the more recent periods. *Two sections. Three hours a week, two semesters.* Professor van Steenderen and Mr. Davey.

5, 6. REVIEW GRAMMAR AND COMPOSITION — This is a course in review grammar, prose composition, oral expression, word-study, dictation, and pronunciation. It may be taken alone, or more profitably, with 3, 4. While 3, 4 admits to courses 7, 8 and 9, 10, no student will be recommended by this department for a position as teacher of French who has not satisfactorily completed Course 5, 6. *Two hours a week, two semesters.* Mr. Davey.

7, 8. DRAMA — Special attention is given to Moliere and the development of comedy in connection with social characteristics. Class reading, reports, and lectures surveying French literature of the last three centuries. Prerequisite: Course 3, 4. *Two hours a week, two semesters.* Professor van Steenderen.

9, 10. THE NOVEL — A study of the novel in France in its various transformations, and its relation to movements of thought and historical environment. Class readings, reports, and lectures as above. Prerequisite: French 3, 4. *Two hours a week, two semesters.* Professor van Steenderen.

11, 12. HISTORY OF FRENCH LITERATURE — Teachers' Course. A general survey course, intended to impart familiarity with movements, schools of writing, biographic and bibliographic data. Prerequisite: French 3, 4. *Two hours a week, two semesters.* Professor van Steenderen.

13, 14. ADVANCED COMPOSITION — Teachers' Course. French conversation and writing on assigned topics. Pronunciation scientifically studied. Prerequisite: French 3, 4 and 5, 6. *Two hours a week, two semesters.* Professor van Steenderen.

GERMAN

1-2. FIRST YEAR COURSE — The aim of this course is to give the student a thorough training in the essentials of modern German. *Three hours a week, two semesters.* Mr. Davey.

3, 4. SECOND YEAR COURSE — Selections from the works of Sudermann, Keller, Scheffel, Freytag, and other modern authors will be read. *Three hours a week, two semesters.* Mr. Davey.

5, 6. GERMAN DRAMA AND NOVEL — A survey through individual works of literature from the present to Lessing. Class readings, reports in German on collaterally assigned plays and novels. Composition, word-study, conversation, pronunciation. *Two hours a week, two semesters.* Professor van Steenderen.

ITALIAN

1-2. FIRST YEAR COURSE — This course aims to cover the necessary grammatical ground rather quickly with a view to an early introduction in Italian literature. Not open to students who have no previous experience with foreign language. *Three hours a week, two semesters.* Professor van Steenderen.

3, 4. SECOND YEAR COURSE — A course in works by D'Annunzio, Fogazzaro, Manzoni, De Amicis, Goldoni, Alfieri, and others, usually ending in a first reading of Dante's *Inferno. Three hours a week, two semesters.* Professor van Steenderen.

SPANISH

PROFESSOR R. B. WILLIAMS; MISS LENNARDS.

1-2. FIRST YEAR COURSE — The student is expected to acquire a knowledge of the fundamental principles of the grammar of the language and some ability in reading, writing, and understanding Spanish. *Two sections. Three hours a week, two semesters.* Professor Williams and Miss Lennards.

3, 4. SECOND YEAR COURSE — The texts read are suitable for those who have completed one year of Spanish in college or two years in high school. They are chosen, for the most part, from the works of Spanish writers of the nineteenth century and of the present day. Spanish pronunciation is reviewed and stressed. Attention is given to phonetics. *Three hours a week, two semesters.* Professor Williams.

5, 6. COMMERCIAL SPANISH — The course includes the reading and writing of business letters and a study of the commercial vocabulary. Attention is given to typical advertisements. The fundamental principles

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of grammar are reviewed. Prerequisite: Spanish 1-2. *Three hours a week, two semesters.* Miss Lennards.

7, 8. ELEMENTARY CONVERSATION AND COMPOSITION — The course consists of grammar review and composition, with conversation based upon simple texts. Prerequisite: Spanish 3, 4 or 5, 6; also open to those who have done work of superior grade in 1-2. *Two hours a week, two semesters.* Professor Williams.

9, 10. HISTORY OF SPANISH LITERATURE — A survey of the outstanding authors and schools of Spanish literature from its beginning to the present generation of writers. Lectures, readings, and reports. Required of major students. Prerequisite: 3, 4 or 5, 6 or the equivalent. *Two hours a week, two semesters.* Professor Williams.

11, 12. LITERATURE SINCE 1800 — The important writers of the eighteenth century are discussed briefly by way of introduction. Representative works of the last century and of the present day are read in class. The Generation of 1898 is considered in some detail. Lectures and reports. Prerequisite: 3, 4 or 5, 6 or the equivalent. *Two hours a week, two semesters.* Professor Williams.

13, 14. GOLDEN AGE — The first semester is devoted to the consideration of the novel and other prose works of the period 1500-1650. In the second semester the drama from Encina to Calderon is treated, with the reading of representative works. Required of major students. Prerequisite: 3, 4; or 5, 6 or the equivalent. *Two hours a week, two semesters.* Professor Williams.

15, 16. GRAMMAR AND COMPOSITION — The time is divided between a thorough treatment of the grammar and the rather difficult composition. Required of major students. Prerequisite: 7, 8; also open to those who have done work of superior grade in 3, 4 or 5, 6. *Two hours a week, two semesters.* Professor Williams.

MUSIC

MR. ARMBRUSTER; MISS BOYCE.

A major in Music consists of 18 hours, of which 8 may be in advanced practical music (voice, piano, violin, organ, etc., above elementary grade). Liberal arts students receive credit toward their Bachelor of Arts degree for courses in theoretical music. These courses may be taken as electives. A student may receive credit for advanced practical music provided he accompanies it with an equal amount of music theory. One half-hour private lesson per week plus six hours' practice is equivalent to

one hour credit. Two one-half hour lessons per week plus six hours' practice is equivalent to two hours' credit. Regular students in the college may receive academic credit not to exceed four semester hours in all four years, unless accompanied by theoretical courses, for playing in the college band or for singing in the college chorus.

THEORETICAL MUSIC

1. FUNDAMENTALS OF MUSIC — An introductory study of the fundamentals of music — music notation, knowledge and use of clefs, keys, scales, signatures, intervals, triads and their inversions, ear-training, and melody writing. *Two hours a week.*

2. HARMONY — Study of relationship. Relation of tones to scale and chord, chords to key, relation of all to the accent. Harmonization of given melodies by means of the Melodic basis, with a constant appeal to the ear and feeling. Harmonization of original melodies. *Two hours a week.*

3. HARMONY — Continuation of Music 2. Harmonization of melodies using secondary harmonies. Original work. *Two hours a week.*

4. HARMONY — Continuation of Music 3. Harmonization of melodies using altered chords and modulation. Original work. *Two hours a week.*

5. HISTORY AND APPRECIATION OF MUSIC — A general survey of musical history and literature from its crudest to its most perfect forms, with illustrations. Gives the student a deeper knowledge of the masters and an appreciation and understanding of the masterpieces of music. *Two hours a week.*

6. HISTORY AND APPRECIATION OF MUSIC — Continuation of Music 5. *Two hours a week.*

Private lessons in advanced Harmony, Counterpoint, Composition, and Orchestration.

PRACTICAL MUSIC

VOICE CULTURE — Instruction in singing. The aim of the instruction is to secure a free, natural tone production, correct use of the breath, intonation, attack, legato, phrasing, enunciation, and interpretation.

Private Lessons with Mr. Armbruster: One-half hour lesson a week, per semester $36. Two one-half hour lessons a week, per semester $60.

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Class Lessons: Separate classes for Soprani, Alti, Tenors, and Basses. At least four in class. Two one-half hour lessons a week, per semester $27. (Bills payable through College office.)

PIANO INSTRUCTION — *Private Lessons with Miss Boyce:* One-half hour lesson a week, per semester, $45; two one-half hour lessons a week, per semester, $75.

Class Lessons: Curtis Method of Instruction. One hour a week, per semester, $27.

Violin Instruction: To be arranged.

ORGAN INSTRUCTION — Private lessons with Miss Boyce: One-half hour lesson a week, per semester, $45; two half-hour lessons a week, per semester, $75.

Practice room with piano may be obtained at the rate of one hour per day, per semester, $9.

Organ practice at rate of one hour per day, per semester, $18.

THEORETICAL INSTRUCTION — Private lessons in advanced harmony, counterpoint, composition, and orchestration.

Freshmen or sophomores who play full time in the College band may be given full credit for Physical Education in place of the academic credit.

Juniors and seniors who have not fulfilled their Physical Education requirement may make up such deficiency by full participation in the band — a semester of band credit being equivalent to a semester of Physical Education credit.

CHORAL ENSEMBLE — Prerequisite: ability to sing and read music. Membership decided by tryouts. Open to all classes. Studies in masterpieces of choral literature. *Two hours a week. One hour credit or activity.*

BAND ENSEMBLE — Prerequisite: ability to play a band instrument. Membership decided by tryouts. Open to all classes. If elected for more than two years, credit will be granted only in accordance with the rule stated above. *Two hours a week. Choice of one hour credit, Physical Education credit, or activity.*

ORCHESTRA ENSEMBLE — Prerequisite: ability to play an orchestral instrument. Membership decided by tryouts. Open to all classes. *An activity.*

CHAPEL CHOIR — Membership of twenty voices selected by tryouts. Studies in sacred choral literature. Regular appearances in student assemblies. *An activity.*

SPEECH AND DRAMATICS

ASSISTANT PROFESSOR TOMLINSON.

The major requirement in the department of Speech and Dramatics may be fulfilled by selecting the following course, totaling eighteen hours, which is the minimum for all majors: Courses 3-4, 5-6, 7-8, 11-12. Twelve additional hours in Division I will be required of all students majoring in this department.

The preliminary course, 1-2, must be taken by all major students, but will not be counted toward the major requirement. Speech 13-14 will be required of all students who expect a recommendation to teach Speech.

An additional statement of the work in Dramatics and Play Production will be found under "Student Organization" on pages 27, 28.

1-2. FUNDAMENTALS OF SPEECH — An introductory study of the fundamentals of Public Speaking. The course aims to develop poise and ability to think on the platform. It studies methods of effectively projecting ideas to an audience through directness and proper control of the body. There is extensive drill in making outlines and developing skill in organizing ideas. Many short speeches required in class work. *Three hours a week, two semesters.*

3-4. PUBLIC ADDRESS — A course in advanced extempore speaking dealing with the following specific types of public address: the eulogy, the commemoration, the dedication speech, the speech of introduction, welcome, acceptance, the after-dinner speech, the political speech, and the college oration. Collateral reading of models. The student will prepare and deliver each type of address. Prerequisite: Speech 1-2. *Two hours a week, two semesters.*

5-6. INTERPRETATIVE READING — A study of the fundamentals of interpretation — tone production, breath control, and correct enunciation and articulation. Aims to give the student the mental and vocal technique

required to interpret different literary forms. *Two hours a week, two semesters.*

7-8. ARGUMENTATION AND DEBATE — A study of the principles governing formal and informal argument. Training in analysis of public questions, in brief-making, in strategic organization of arguments, and in effective rebuttal. A study of the forms of reasoning. Much training in detecting and classifying fallacies. This course prepares students to participate in intercollegiate debating. Prerequisite: Speech 1-2. *Three hours a week, two semesters.*

9-10. STAGE CRAFT — A laboratory course in the fundamentals of play production. Includes a study of the characteristics of a good play; a short history of the evolution of the theatre; and a survey of the plays and personnel of the present day theatre. Laboratory work in make-up, scene construction, and experimental stage lighting. Lectures and readings on scene designing and costuming. Assigned readings on the theory and technique of stage craft. Collateral reading of many plays suitable for amateur productions. Assigned projects in all branches of play production. *Two hours a week, two semesters.* See page 00 for fee.

11-12. PLAY DIRECTING — An advanced course for students interested in the theatre, or for those interested in preparing themselves to do some sort of dramatic work in high schools, colleges, or little theatres. A study of the various types of plays; methods of casting; types of rehearsals; an examination of the various methods of directing plays; a study of atmosphere, acting technique, grouping, tempo, and climax. A thorough study of present-day tendencies in the drama. Much collateral reading in all branches of dramatic production. Each student required to direct and produce a full length play. *Two hours a week, two semesters.*

13-14. THE TEACHING OF SPEECH — Lectures, reports, and much collateral reading on the various systems of Speech Training. A study of the advantages and disadvantages of each system together with methods of applying the principles of the various systems to the particular needs of the individual students. A study of the methods of conducting extempore speaking contests, of coaching debates, and of presenting plays. A study of the building of the speech curriculum in high schools and grade schools together with the content of the various courses included in such curriculums. *Two hours a week, two semesters.*

15-16. ACTING — An advanced course for students interested in preparing themselves for some form of dramatic work. Two plays will

be prepared and staged each semester. A great deal of collateral reading in all branches of theatrical work will be required. An intensive study of stage problems and dramatic technique will be covered. *Two hours, two semesters.*

DIVISION OF SOCIAL SCIENCES

PROFESSOR WOOD, *Chairman*

SOCIAL SCIENCE 1-2. THE RISE OF CONTEMPORARY CIVILIZATION — This course deals with human experience and the problems of living. An attempt is made to integrate and explain human procedures by historical illustration and otherwise. It also includes a consideration of the social, economic, and political order that preceded modern times and traces the significant changes in the evolution of that order into contemporary civilization. Among the aims of the course are: to help the student to develop a scientific habit of thought, to introduce him to some of the more important problems of modern life, and to make him aware of his responsibilities as a citizen. An examination of what men have done and are doing is believed to constitute a valuable preparation for life. Required of all freshmen. *Three hours a week, two semesters.*

ECONOMICS, SOCIOLOGY, AND BUSINESS ADMINISTRATION

ASSOCIATE PROFESSORS JOHNSON, HARTZO; ASSISTANT PROFESSOR KELLER; MR. LOGAN, MR. ENGQUIST.

Students majoring in this department are required to take 1-2, 7, 12, and six hours from the other courses below. To complete 30 hours, twelve additional hours should be selected from other courses within the Division. Social Science 1-2 does not count toward the major requirement nor toward the requirement in the Field of Concentration.

SOCIAL SCIENCE 1-2 — THE RISE OF CONTEMPORARY CIVILIZATION (see above).

1-2. PRINCIPLES OF ECONOMICS — This is an introductory course surveying the structure and operation of the economic order and analyzing the principles governing the value of commodities and the forces governing the distribution of the product of industry. Not open to freshmen. *Three hours a week, two semesters.*

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3-4. ELEMENTARY ACCOUNTING — This is an introductory course in the fundamental principles of accounting. The construction and analysis of accounting records for the sole proprietorship, partnership, and corporation. No credit for one semester. *Three hours a week, two semesters.*

5-6. BUSINESS LAW — The legal principles applicable to commercial transactions. The course deals with contracts, bailments, sales, and negotiable instruments. *Three hours a week, two semesters.*

7. MONEY AND BANKING — The nature and use of money and credit; the theory and problems of banking; the Bank of England; the Federal Reserve System; monetary reorganization. Prerequisite: Economics 1-2. *Three hours a week, first semester.*

8. CORPORATION FINANCE — A study of the financial problems of organization and administration of business organizations; the failure, receiverships, and reorganizations of corporations. Prerequisite: Economics 1-2 and 3-4. *Three hours a week, first semester.*

9. STATISTICS — A study of statistical methods appropriate for dealing with problems in the social sciences and business. Emphasis will be given to sources of error; critical examination of data; properties and uses of the common averages; formation and interpretation of index numbers. Prerequisite: Economics 1-2. *Three hours a week, first semester.*

10. ECONOMIC CYCLES AND CRISES — A study of recurrent periods of business prosperity and depression, and the theories offered to explain them. Students will examine the factors which must be considered and the statistical methods used in attempting forecasts of general business conditions. Prerequisite: Economics 9. *Three hours a week, second semester.*

12. VALUE AND DISTRIBUTION — Critical analysis and discussion of leading theories of value and distribution. Prerequisite: Economics 1-2. *Three hours a week, first semester.*

13. MARKETING — A course designed to give a fundamental knowledge of the existing market structure, forces operating, institutions employed, and the methods followed in marketing. Prerequisite: Economics 1-2. Given in 1934-35 and alternate years. *Three hours a week, first semester.*

16. LABOR PROBLEMS — The origin, character, and evolution of

modern labor problems; policies and methods of organized labor; labor legislation. Prerequisite: Economics 1-2. Given in 1934-35 and alternate years. *Three hours a week, second semester.*

17. INTERMEDIATE ACCOUNTING — This course is designed to train the student to analyze problems and to apply the accounting principles involved. No credit allowed without Economics 18. Prerequisite: Economics 3-4. *Three hours a week, first semester.*

18. AUDITING — The theory and practice of auditing; problems, questions and specimen working papers such as are applicable to balance sheet audits. Prerequisite: Economics 17. *Three hours a week, second semester.*

21. FOREIGN TRADE — A survey of the problems of international finance, trade, and economic policies. Prerequisite: Economics 1-2. Given in 1933-34 and alternate years. *Three hours a week, first semester.*

22. TRANSPORTATION — A study of railway transportation problems; historical development of transportation systems; rates; service; government regulation. Prerequisite: Economics 1-2. Given in 1933-34 and alternate years. *Three hours a week, second semester.*

23. BANKING PRACTICE — Commercial banking practice will be studied with emphasis on the modifications introduced under the Federal Reserve System. The following subjects will be examined: bank credit and credit analysis; collections; clearings; money markets and rates; bank investments; foreign trade financing. Prerequisite: Economics 7. *Three hours a week, second semester.*

25-26. RESEARCH PROBLEMS — For senior students qualified to work independently. Problems are normally planned to carry through the year, with two hours credit each semester, but more (or less) credit may be allowed when warranted by the volume and quality of the work accomplished.

28. INVESTMENTS — A study of the nature, methods, and principles of investments; the analysis of balance sheets and income statements. Prerequisites: Economics 3-4 and 8. Given in 1934-35 and alternate years. *Three hours a week, second semester.*

29. TAXATION — An examination of the principles and problems of local and state taxation; income, corporation, and inheritance taxes. Prerequisite: Economics 1-2. Given in 1933-34 and alternate years. *Three hours a week, first semester.*

34. CORPORATE PROBLEMS — Building upon course 8, this course

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deals with the financial problems of business concerns. Concrete cases are studied to discover proper financial policies and practices. Prerequisite: Economics 8. Given in 1933-34 and alternate years. *Three hours a week, second semester.*

36. RECENT ECONOMIC THEORY — A critical study of the controversial questions in the "orthodox theory" and some of the modern departures from this theory. Prerequisite: Economics 1-2. *Three hours a week, second semester.*

38. LAND ECONOMICS — A survey of the principles underlying land utilization, rent, land values, problems of increasing population, property rights in land, and public land policies. Prerequisite: Economics 1-2. Given in 1933-34 and alternate years. *Three hours a week, second semester.*

SOCIOLOGY

1. PRINCIPLES OF SOCIOLOGY — A study of the chief characteristics of group life; development of social institutions, such as the family and state. Not open to freshmen. *Three hours a week, first semester.*

4. SOCIAL INSTITUTIONS — A consideration of the salient facts bearing upon the problems of dependency and delinquency, and subjects related thereto. Among the subjects discussed are poverty, unemployment, disease, crime, public and private relief, pensions, and insurance. Prerequisite: Sociology 1. *Three hours a week, second semester.*

HISTORY

PROFESSOR WOOD; ASSISTANT PROFESSOR HAZAM.

Students majoring in History must complete a minimum of eighteen hours in that subject and a minimum of thirty hours, in the total, within the Division of Social Sciences. At least twelve hours must be taken outside the major subject within the Division. Social Science 1-2 is a purely preliminary course and does not count toward a major nor toward the requirement in the Field of Concentration.

SOCIAL SCIENCE 1-2 — The Rise of Contemporary Civilization (see page 71.

1-2. EUROPE FROM THE FALL OF ROME TO THE PRESENT — A political, social, and intellectual survey. It includes the study of the medieval church and state, the renaissance, and reformation, the rise of national-

ism and democracy, and, finally, the period including the world war. *Three hours a week, two semesters.* Assistant Professor Hazam.

5-6. THE UNITED STATES FROM THE DISCOVERY OF AMERICA TO DATE — This course includes the discovery, settlement, and colonial development of the regions now within the United States, the conditions leading to the American Revolution, the evolution and the provisions of the Constitution, the establishment of the national government and the development of the nation under it. *Three hours a week, two semesters.* Professor Wood.

7-8. LATIN AMERICA — The discovery, conquest, and colonization of America by Spain and Portugal are treated. The Spanish colonial system in Spain and the colonies is described; the economic and social factors involved are developed; defects in the system and in its administration are noted. Portuguese settlement and progress in Brazil are traced. The revolt of the Spanish colonies is developed to the establishment of independent republics. The political history of these republics is covered including their relations with each other and with the outside world. Much attention is given to economic and social conditions. The history of revolutionary and independent Brazil is presented. Given in 1934-35 and alternate years. *Three hours a week, two semesters.* Assistant Professor Hazam.

9-10. ENGLAND — The development of the British people from their origins to the present time. In particular the course stresses the attainment of political unity, the growth of the parliamentary system, the English reformation, the industrial revolution, and the era of overseas expansion. *Three hours a week, two semesters.* Assistant Professor Hazam.

13-14. RECENT AND CONTEMPORARY EUROPEAN PROBLEMS — Important problems are studied in sequence making clear the evolution of institutions and movements in the light of human experience. For qualified advanced students. Given in 1934-35 and alternate years. *Credits to be arranged.* Professor Wood.

15-16. RECENT AND CONTEMPORARY AMERICAN PROBLEMS — Fundamental problems of American development are investigated and discussed as phases of national progress. For qualified advanced students. Given in 1933-34 and alternate years. *Credits to be arranged.* Professor Wood.

19-20. AMERICAN DIPLOMACY — The evolution of the Foreign Relations of the United States is traced historically. The colonial and national periods are covered, the former serving as a prelude for the

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latter upon which the chief emphasis is placed. An attempt is made to present the role played by the United States in the family of nations and to show the ways in which this phase of her activity has reacted upon her national life. For qualified advanced students. Given in 1933-34 and alternate years. *Three hours a week, two semesters.* Assistant Professor Hazam.

21-22. HISTORY OF CIVILIZATION — A study of the rise and development of the main culture areas of Europe and Asia, and the contributions made by each to the progress of mankind. Open to qualified students. Given in 1934-35 and alternate years. *Three hours a week, two semesters.* Assistant Professor Hazam.

23-24. EUROPE IN THE TWENTIETH CENTURY — This course presents the cultural and political state of Europe at the opening of the twentieth century, European interests outside of that continent, the immediate background for the World War, the course of that struggle, the international adjustments which succeeded it, the national structures which developed from it, twentieth century political and economic tendencies and the intellectual life of the present century. For qualified advanced students. Not given in 1933-34. *Three hours a week, two semesters.*

27-28. RECENT HISTORY OF THE UNITED STATES — This course will include thorough study and discussion of all important aspects of the life of the period since 1865. Careful consideration will be given to our political, economic, and social developments as parts of the Nation's life. For qualified advanced students. *Three hours a week, second semester.* Professor Wood and Assistant Professor Hazam.

29-30. EXPANSION OF EUROPE — This course traces the transfer of European culture and institutions to other parts of the world and the processes by which the nations of Europe secured political and economic dominance over the so-called backward peoples and areas. It deals particularly with the vast overseas empires created by Portugal, Spain, Holland, France, and England. Open to qualified students. Given in 1933-34 and alternate years. *Three hours a week, two semesters.* Assistant Professor Hazam.

POLITICAL SCIENCE

ASSOCIATE PROFESSOR HARTZO.

Students taking a major in Political Science are to take at least 18 hours in the department. Political Science 1-2 may be counted toward the departmental major and toward the concentration requirement in the Division of Social Sciences. Social Science 1-2 does not count toward the major requirement nor toward the requirement in the Field of Concentration.

SOCIAL SCIENCE 1-2 — The Rise of Contemporary Civilization (see page 71.

1-2. AMERICAN FEDERAL AND STATE GOVERNMENT — An introduction to American federal government and politics including the principles of the federal system and political parties and the processes of government. Second semester is a survey of the state constitutions, federal and state relations, powers and limitations of state governments, administrative reorganization and the newer agencies of democracy; current issues and problems receive attention throughout the course. Not open to freshmen. *Three hours a week, two semesters.*

3-4. INTERNATIONAL LAW — The general principles governing the intercourse of nations in time of peace, and the rules applicable to belligerents and neutrals in time of war. The development of the idea of a jus gentium, nationalism and internationalism. The contribution of the United States to international law. Constant attention is given to current international problems. Prerequisite: Political Science 1-2. Given in 1933-34 and alternate years. *Three hours a week, two semesters.*

5-6. COMPARATIVE GOVERNMENT — An introduction to the government and politics of the principal European nations; England, France, Germany, Italy, Switzerland, and Russia receive most attention, though the institutions adopted by the newer states are noted. Prerequisite: Political Science 1-2. Given in 1932-33 and alternate years. *Three hours a week, two semesters.*

7. HISTORY OF POLITICAL THEORIES — The development of political thought from the earliest times. Lectures, and readings in Plato, Aristotle, Machiavelli, Hobbes, Locke, Montesquieu, Rousseau, Bentham, Austin, and contemporary writers. The interdependence between political theory and political practice at different periods is constantly emphasized. Prerequisite: Political Science 1-2. Given 1933-34 and alternate years. *Three hours a week, first semester.*

8. POLITICAL PARTIES — A study of the organization, and methods of action of political parties, emphasizing those in the United States. Discussion of the primary and conventions system, and the general functions of political parties in a democracy. Prerequisite: Political

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selection of education courses as offering the most satisfactory preparation for courses which depend upon previous subject matter for their most satisfactory understanding:

SOPHOMORE YEAR

First Semester 1. INTRODUCTION TO EDUCATION
Second Semester 2. HISTORY OF EDUCATION

JUNIOR YEAR

First Semester 7. CLASSROOM TECHNIQUES
5. EDUCATIONAL PSYCHOLOGY
Second Semester 8. PRINCIPLES OF SECONDARY SCHOOL EDUCATION
6. MEASUREMENTS OF INTELLIGENCE

SENIOR YEAR

First Semester 3. SCHOOL ADMINISTRATION AND SUPERVISION
20. PRACTICE TEACHING
Second Semester 4. PHILOSOPHY OF EDUCATION
21. PRACTICE TEACHING

1. INTRODUCTION TO EDUCATION — A course designed for all those who, in their future functions as citizens, parents, or teachers, need to know the basic principles of public education, with regard to organization, financing, and administration of schools. The present day problems of education will be noted and progress reviewed in the light of educational needs. Each student is assigned an educational journal which he reads carefully and upon which he makes reports, oral and written. Basic course for all those who intend to major in Education. Not open to freshmen. *Three hours a week, first semester.*

2. HISTORY OF EDUCATION — A study of the origins and development of educational institutions, practice, and theory of today. The chief persons and events as well as movements will be noted in such a way as to show the historical setting of present trends in education. Not open to freshmen. *Three hours a week, second semester.*

3. SCHOOL SUPERVISION AND ADMINISTRATION — A presentation of those principles of procedure that are basic in the organization and administration of our public schools. The various units for educational control are studied in terms of their historical development and the

principles that govern them. An application of these principles is made to village and city school systems. Qualifications of the supervisor and adminstrator. Practical techniques involved in the office. Class discussions follow a syllabus with readings and reports. Prerequisite: Education 1 and 2. *Three hours a week, first semester.*

4. PHILOSOPHY OF EDUCATION — This course comprises a study of the psychological and philosophical bases of education and their relation to the varied lines of human endeavor. The many aspects of education will be considered in their bearing on the solution of present problems. An effort will be made to systematize the fundamental ideas involving the principles and practices set forth in other courses, thus enabling the student to acquire a sound basis of theory from which he can independently and intelligently determine what to adopt in the way of educational procedure and objectives. Prerequisite: nine hours in Education. Open only to seniors except by special permission. *Three hours a week, second semester.*

5. EDUCATIONAL PSYCHOLOGY — A study of the fact material of individual differences and its significance in educational procedure; the laws of learning and the analysis of the process of learning; the application of psychological laws to the learning of particular subjects and to the modification of methods of instruction. Prerequisite: Psychology 1-2. *Three hours a week, first semester.*

6. MEASUREMENTS OF INTELLIGENCE — The history of the development of tests and measurements of intelligence. Present tests of all varieties reviewed and analyzed. Practical training in the giving and interpretation of the tests. Prerequisite: Education 5. *Three hours a week, second semester.*

7. CLASSROOM TECHNIQUES — Consideration of the management of the class; factors in routine control, and discipline of pupils; uses of the class record; collection of information regarding pupils, including measures of school ability; proper uses of informational materials. Followed by consideration of plans and devices approved in the teaching of the common branches, based on the principles of psychology as shown in experimental science. Prerequisite: Psychology 1-2, and six hours in Education. *Three hours a week, first semester.*

8. PRINCIPLES OF SECONDARY SCHOOL EDUCATION (HIGH SCHOOL PROBLEMS) — The purposes, character, problems, and types of the American secondary school. Significance of movements and changes

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Science 1-2. Given in 1932-33 and alternate years. *Three hours a week, first semester.*

9. INTRODUCTION TO CONSTITUTIONAL LAW—A study of the making and changing of constitutions, the judicial function, separation, and delegation of powers, personal liberty, due process, police power, and eminent domain; the course is designed to be useful for all students and not especially for pre-legal ones. Prerequisite: Political Science 1-2 or qualified advanced standing. Given 1933-34. *Three hours a week, first semester.*

10. INTERNATIONAL ORGANIZATION — An introduction to international organization, government, and politics. It includes surveys of the consular and diplomatic services, the treaty system, international arbitration and administration, international conferences, international associations public and private; the League of Nations and the Permanent Court of International Justice. Prerequisite: Political Science 1-2 and either 3 or 5. Given in 1932-33. *Three hours a week, second semester.*

11. AMERICAN MUNICIPAL GOVERNMENT — The growth of cities, colonial origins and modern development of charters, the muncipal electorate, forms of city government, city finances, legal position of the city, city-state relationships and reform tendencies are included in this course. European institutions and practices are noted briefly throughout the course. Prerequisite: Political Science 1-2. Given 1932-33. *Three hours a week, second semester.*

DIVISION OF PHILOSOPHY, RELIGION AND EDUCATION

PROFESSOR SLEIGHT, *Chairman*

EDUCATION

PROFESSOR SLEIGHT.

Students majoring in Education should in addition to 18 hours in Education take courses in Religion, Psychology, and Philosophy aggregating 12 hours.

PREPARATION FOR TEACHING

Professional standards for teaching are being raised constantly and it is now impossible for the college graduate with-

out special training to secure a position. The North Central Association requires that teachers in its accredited schools shall have had fifteen semester hours in Education. They must also have had fifteen semester hours in each of the subjects which they teach as shown by the following statement: "The following criteria are set forth as indicating desirable minima by which a state committee shall be guided: English, 15 semester hours; foreign languages, 15 semester hours, in the language taught; science, 15 semester hours, of which five shall be in the science taught; mathematics, 15 semester hours; social science, 15 semester hours, which must include preparation in the specific subjects taught."

The Illinois State Examining Board requires for the high school certificate fifteen semester hours of Education, *including* Educational Psychology, a course in the methods of teaching, and three majors of not less than 10, 12, and 16 semester hours in three subjects or groups of related subjects.

Five semester hours of practice teaching are required for the limited state elementary certificate.

The requirements for certificates in other states vary.

Students intending to teach should select courses in Education, after consulting with the Department and begin them as early as possible, preferably at the beginning of the sophomore year. They should plan to major in the subjects they expect to teach. Prospective teachers are advised to elect a course in public speaking. Introduction to Education, History of Education, High School Problems, Educational Psychology, and Classroom Techniques or School Administration and Supervision should usually constitute the choice of subjects selected in the department of Education. The departments of Speech and Dramatics and Modern Languages offer one professional course each for students intending to teach these subjects.

The following order of election is recommended in the

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taking place in the junior and senior high schools. Mental and physical characteristics of adolescence. Types of curriculum and other features of adminstration. Extra curricular activities and community relationships. Comparisons with the secondary schools of other countries. Prerequisite: Education 1 and 2 plus three more hours in Education. *Three hours a week, second semester.*

10. Educational Sociology — This course comprises a study of community organization and needs and the effects of social forces upon the aims, courses of study, and organization of the present school system of the United States.

Until further notice this course is only offered in extension work to teachers already in service.

20-21. Practice Teaching and Observation — Through the courtesy and cooperation of the Lake Forest Public Schools opportunities for practice teaching and observation are open to a limited number of college students in the department of Education. Such students are required to have senior standing.

In the fall of 1931 the administrative officers of the Waukegan High School voted to grant the college opportunities for practice teaching in its school. Until further notice this privilege is reserved for graduates of the Waukegan High School who have senior standing in Lake Forest College.

An average of five sixty-minute periods per day for five days per week during a college semester are required to earn five (5) semester hours credit. Five forty-five minute periods per week during a college semester are required to earn three (3) semester hours credit, nine weeks of teaching are required to earn two (2) semester hours credit.

Prerequisites: Senior standing and at least from nine to twelve hours of Education.

Philosophy and Psychology

Professor S. P. Williams.

Students doing their major work in the department of Philosophy and Psychology should consult with the head of the department regarding the sequence of courses within the department. Eighteen hours are required within the department for a major and twelve additional hours within the Division.

PSYCHOLOGY

1-2. General Psychology — A survey of the generally recognized facts, principles and problems of normal adult Psychology. Not open to freshmen. *Three hours a week, two semesters.*

3. Social Psychology — A study of social or cultural stimuli, social situations, and social responses which result in the various types of personality as we know them. Prerequisite: Psychology 1-2. Given in 1933-34 and alternate years. *Three hours a week, first semester.*

4. Experimental Psychology — This course will afford an opportunity to pursue further by experimental and observational methods, problems suggested in courses 1-2. Prerequisite: Psychology 1-2. Given in 1933-34 and alternate years. *Two hours a week, second semester.*

6. Mental Hygiene — A study of the various types of mental ill health, their possible causes and cures. Open to freshmen. *Two hours a week, second semester.*

7-8. Psychological Problems — Properly qualified students among those majoring in Psychology will be given an opportunity to do research work on selected problems. Problems to be studied, class hours and credits to be arranged.

PHILOSOPHY

1. Introduction to Philosophy — An introductory survey of the historic and present day problems and conceptions of Philosophy with a view of developing a method for controlling experiences in a constructive way. Open to juniors and seniors and to sophomores taking Psychology. *Three hours a week, first semester.*

2. Ethics — A study of the moral life with special reference to its origins and development, and to the applications of moral principles to present day practical problems. Prerequisite: Psychology 1-2. Given in 1933-34 and alternate years. *Three hours a week, first semester.*

3-4. Greek and Modern Philosophy — During the first semester, the course will be devoted to the study of the origins of philosophical conceptions among the Greeks. The modern period will be studied with special reference to the influences and developments which have made the modern mind. Open to juniors and seniors. Given in 1933-34 and alternate years. *Three hours a week, two semesters.*

6. Logic — This course seeks to give the student training in methods

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of logical thinking and to acquaint him with the common sources of fallacies. Open to juniors and seniors. *Three hours a week, second semester.*

8. Aesthetics — A study of the principles of the beautiful in the various fields of art. Prerequisite: Psychology 1-2. Given in 1933-34 and alternate years. *Three hours a week, second semester.*

10-11. Problems of Philosophy — Properly qualified students who are majoring in Philosophy will be given an opportunity to do research work on selected problems. Problems to be studied, class hours and credits to be arranged.

Religion

BIBLICAL LITERATURE AND THE HISTORY OF RELIGION

President Moore; Assistant Professor Roth.

To fulfill the requirement of a major in Religion 18 hours must be taken in this department. Additional 12 hours must be taken in other departments within the Division.

1. Introduction to Bible Study — This is an orientation course designed to give the student an intelligent appreciation of the Bible and of its place in modern life and thought. Special attention is given to the historical background of the Bible and to the question of the formation and final transmission of the Bible as we now have it. A brief survey is made of the content of the entire Bible. Open to freshmen and sophomores. *Three hours a week, first semester.*

2. History of Bible Times — This course attempts a chronological study of the main points of interest in the history of the Old and New Testament times and of the inter-testamental period. The development and significance of religious ideas and beliefs are studied in relation to the outstanding historic events in the life and experience of the people. Open to freshmen and sophomores. *Three hours a week, second semester.*

3. The Literature of the Old Testament — This course approaches the literature of the Old Testament chronologically and historically. It views the Old Testament as the literary expression of the vital religious experience of the Hebrew people. Selected examples of the various types of literature in the Old Testament are read and studied with a view toward leading the student into an appreciation of

their literary and religious worth. Open to sophomores who have had Religion 1 or 2, and to juniors. *Three hours a week, first semester.*

4. The Literature of the New Testament — A chronological and historical approach to the literature of the New Testament as the literary expression of a vital religious movement first within Judaism, and then in the larger Roman Empire. The literature of the New Testament is read and studied with special reference to the general background of New Testament times and the particular occasion, and the point of view and purpose of the various writers. Open to sophomores who have had Religion 1 or 2, and to juniors. *Three hours a week, second semester.*

5. The Prophets of the Old Testament — A study of the origin, nature and function of Hebrew prophecy and of the prophetic literature of the Old Testament. The essential message of the outstanding Old Testament prophets is studied in the light of the political, social, and religious setting of their day. Special note is taken of their abiding contribution to the religious and ethical life and thought of mankind. Open to sophomores who have had Religion 1 or 2, and to juniors and seniors. *Three hours a week, first semster.*

6. The Social Teachings of Jesus — After a brief survey of some of the social institutions and of the social attitude or mind of the time, a study is made of the teachings of Jesus that have a special bearing upon the social problems of his day. An attempt is made to arrive at some critical evaluation and practical application of his teachings to our own times. Open to sophomores who have had Religion 1 or 2, and to juniors and seniors. *Three hours a week, second semester.*

7. The Religions of the Ancient World — After a brief study of the origin and nature of religion and of the forms it assumed among primitive peoples, an historical and comparative study is made of the great faiths of the past that failed to survive, including especially the religions of Egypt, Babylonia, Assyria, Persia, Greece, and Rome. Open to juniors and seniors. *Three hours a week, first semester.*

8. The Living Religions of the World — A brief historical and comparative study of the chief living religions of the world, noting in particular their main religious and ethical ideas, beliefs, practices, and institutions. This study includes Hindusism, Jainism, Buddhism, Confusianism, Taoism, Shintoism, Judaism, Mohammedanism, and Christianity. Open to Juniors and seniors. *Three hours a week, second semester.*

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9. PROBLEMS IN MODERN RELIGIOUS THOUGHT — This course attempts, in the face of modern religious perplexities, to find a satisfying and helpful answer to some of the problems that arise in the mind of students in regard to religion — particularly the Christian religion, and its claims. An effort is made to bring to the attention of the student for reading and discussion some of the best available literature upon a selected list of timely topics. Open to a limited number of juniors and seniors upon consultation with the instructor. *Three hours credit, first semester.*

10. RELIGIOUS MOVEMENTS OF MODERN TIMES — A brief study of the rise and development of the major religious movements and cults of modern times, including such developments as Christian Science, Theosophy, Spiritualism, New Thought, Bahaism. An attempt will be made to ascertain their underlying causes, their main points of emphasis, and their present tendencies. Open to a limited number of juniors and seniors upon consultation with the instructor. *Three hours credit, second semester.*

DIVISION OF NATURAL SCIENCES

PROFESSOR COFFIN, *Chairman*

ASTRONOMY

PROFESSOR CURTIS.

1. GENERAL ASTRONOMY — A descriptive course, designed to acquaint the student with the fundamental concepts in astronomy such as causes of the seasons, eclipses, planetary motions, instruments used in astronomical work, modern cosmogony and theories of stellar evolution. Students of this course are taken on trips to the Chicago Planetarium, Dearborn Observatory and Yerkes Observatory. Given second semester, 1932-33 and alternate years. Prerequisite: Trigonometry. *Three hours a week, second semester.*

2. THEORETICAL ASTRONOMY — Opportunity is given for advanced work on the theoretical side of the subject. There is a small but well selected library, and the most important periodicals are available for student use. *Three hours a week.*

BIOLOGY

PROFESSOR LINEBERG; MRS. SMITH; MISS LARSON.

A student majoring in this department shall take courses 1, 2, 19, and 20 as a minimum. Students interested in removing the science requirement should take Biology 1-2 or 1-4. Pre-medical students should take courses 1-2, 19, and 20 as a minimum. Further information concerning a suggested pre-medical course will be found on page 55. Prospective teachers of Biology should take courses 1-27 inclusive.

Entrance to courses 10 to 21 inclusive is conditional upon the grade of work in previous biological courses.

1-2. GENERAL BIOLOGY — A study of the general principles of living matter. During the first semester emphasis is placed upon plant biology; second semester upon animal biology. The purpose of the course is to train the student in observation, and in the use of scientific methods, and also to furnish him with the important facts concerning plant and animal life. In the laboratory first-hand information is obtained from experiments and observations upon living animals, as well as from dissection. Field work is done in the spring. *Four hours credit, two semesters; lectures two hours, laboratory four hours weekly.* Professor Lineburg and Mrs. Smith.

4. BOTANY — A continuation of course 1, including a general survey of the plant kingdom based on structures and their functions in selected plants. Lectures, laboratory, and field work. Prerequisite: Biology 1. *Four hours credit, second semester; lectures two hours, laboratory four hours weekly.* Mrs. Smith.

5-6. BIOLOGY IN HUMAN AFFAIRS — A course designed to give the student a conception of the fundamental facts and theories of biological science. A lecture and reading course emphasizing the phase of the subject of greatest importance in connection with human problems. Not open to freshmen. *Two hours credit, two semesters.* Professor Lineburg.

19. COMPARATIVE ANATOMY OF VERTEBRATES — A comparative study of the anatomy of the classes of vertebrates. Lectures and laboratory work. Prerequisite: Biology 1-2. *Five hours credit, first semester; lectures three hours, laboratory four hours weekly.* Mrs. Smith.

20. MAMMALIAN ANATOMY AND PHYSIOLOGY — A continuation of

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course 19 with special reference to the principles of physiology as applied to man. The laboratory work is based on a detailed dissection of the cat and a study of the human skeleton. Prerequisite: Biology 19. *Five hours credit, second semester; lectures three hours, laboratory four hours weekly.* Professor Lineburg.

21. HISTOLOGY — An introductory study of tissues and the microscopic anatomy of organs and organ systems. The laboratory work includes practice in the recognition of tissues and in the preparation of slides. Prerequisite: Biology 19. *Four hours credit, first semester; lectures two hours, laboratory four hours weekly.* Mrs. Smith.

24. VERTEBRATE EMBRYOLOGY — A course in the principles of vertebrate development, including cleavage, appearance of germ layers, and formation of organs, with special reference to the chick and the pig. The work includes lectures, study of prepared slides, and instructions in embryological technique. Prerequisite: Biology 19. *Five hours credit, second semester; lectures three hours, laboratory four hours weekly.* Mrs. Smith.

27. EVOLUTION, GENETICS AND EUGENICS — A lecture and seminar course dealing with the facts of evolution and genetics with a consideration of the more important theories which attempt to explain those facts. Prerequisite: Biology 1-2 or 1-4. Given in 1929-1930 and alternate years. *Three hours credit, first semester.* Professor Lineburg.

31. MARINE ZOOLOGY — Summer work at the Marine Laboratory, Woods Hole, Mass. Five to twelve credit hours depending upon the amount and quality of the work.

35-36. BIOLOGICAL PROBLEMS — Special topics for investigation in the field, laboratory, or library may be assigned to advanced students. *Credit hours to be arranged.* Professor Lineburg.

CHEMISTRY

PROFESSOR COFFIN.

Students majoring in Chemistry should in addition to 18 hours in Chemistry, take courses in German, Physics, and Calculus. Those intending to study medicine should also take several courses in Biology.

1-2. GENERAL INORGANIC CHEMISTRY — This course is arranged to give full exposition of the general principles involved in modern chem-

istry, and comprises a systematic study of the properties of the more important metallic and non-metallic elements and their compounds and of the applications of chemistry in technology. Lectures and laboratory work. *Four hours credit, two semesters; lectures three hours, laboratory one hour weekly.*

3-4. QUALITATIVE ANALYSIS — This course includes, besides basic and acid analysis of simple substances, analysis of complex mixtures, alloys, and minerals. Lectures and laboratory work. Courses 1-2 and 3-4 or their equivalent are prerequisites to the higher courses. *Four hours a week, two semesters.*

5-6. QUANTITATIVE ANALYSIS — In this course the student obtains a practical knowledge of quantitative analysis. A number of analyses are made, using the more important gravimetric and volumetric methods. *Four hours a week, two semesters.*

9-10. PHYSICAL CHEMISTRY — The most important principles of physical chemistry are discussed in lectures. These include the gas laws, thermochemical change, phase rule, osmotic pressure, electrolytic dissociation, chemical statics and dynamics, electro-chemistry. Parallel assigned reading, and the solution of problems is required. *Two hours a week, two semesters.*

11. ORGANIC CHEMISTRY — Lectures on the fundamental principles of organic chemistry. Stress is laid on the methods of preparing organic compounds, their structures and relationships. *Three hours a week, first semester.*

12. ORGANIC PREPARATIONS — This is a laboratory course which presupposes Course 11. A number of typical organic compounds are prepared. *Three hours a week, second semester.*

13, 14. RESEARCH WORK — Special topics for investigation by advanced students will be assigned after consultation. Time and credit individually arranged.

A course not offered one year is ordinarily offered the succeeding year.

MATHEMATICS

PROFESSORS CURTIS, HARRIS; ASSISTANT PROFESSOR WYLIE.

It would be desirable for all students in fulfilling the Science

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requirement, Division IV, to take or have taken Mathematics A, if only one year of high school Algebra has been offered for entrance; Mathematics 1, if one year and a half of high school Algebra has been offered; and Mathematics 2 or Mathematics 5, if two years or more of high school Algebra has been offered.

All courses listed below, except Mathematics A, count toward a major in Mathematics. A major consists of a minimum of 18 hours in Mathematics. Twelve additional hours must be taken in other departments within Division IV.

Of courses marked (*) not more than two will be offered in any one semester. No course in which a grade of D is made will count toward a major.

A. Algebra — (Second Course) — For students who offer only one year of high school Algebra for entrance. *Three hours a week, first semester.*

1. Trigonometry — For students who offer one year and a half of high school Algebra for entrance. *Three hours a week, each semester.*

2. College Algebra — Prerequisite: Trigonometry. *Three hours a week, second semester.*

3. Theory of Equations — Prerequisite: Mathematics 1 and 2. Given second semester 1932-33 and alternate years. *Three hours a week.*

5. Analytic Geometry — Prerequisite: Mathematics 1 and 2, or by special permission. *Three hours a week, first semester.*

6. Advanced Analytic Geometry — Given second semester 1933-34. Alternates with Astronomy 1. *Three hours a week, second semester.*

7, 8. Differential and Integral Calculus — For students who intend to specialize in mathematics or who desire calculus for its application to other subjects. Prerequisite: Mathematics 5. *Three hours a week, two semesters.*

9. Differential Equations — A problem course with emphasis upon its applications. Open to those who have had calculus. *Three hours a week, first semester.*

*11, 12. Projective Geometry — An introductory course covering the elements of synthetic projective geometry, including the treatment

of harmonic and anharmonic ratios, involution, poles and polars, etc. *Two hours a week, two semesters.*

13, 14. Analytical Mechanics — Open to those who have had calculus. *Three hours a week, two semesters or one semester.* Professor Harris.

*15. Modern Analytic Geometry — *Three hours a week one semester.*

*17, 18. Theory of Analytic Functions — A treatment of the theory of functions of a complex variable with applications. *Three hours a week, one semester.*

*20. Mathematics of Finance — A course in the application of the laws of interest to accumulation, discount, annuities, amortization, bond yield and valuation, sinking funds, depreciation, life insurance, and other related topics. *Three hours a week, one semester.*

*21. Statistics — A course in interpretation of statistics, with reference to the theory of probability, expected deviations, measures of precision, probable error, and so forth. Open to students who have had a course in calculus. *Three hours a week, one semester.*

*24. Surveying — *Two hours a week, second semester.* Professor Harris.

Library — A small, but well selected, departmental library is kept in office adjoining the classroom, so as to be available for immediate use.

Physics

Professor Harris; Mr. Carter.

Students desiring to satisfy the science requirement in this department must take Physics 1-2. This course should be taken by those wishing to complete pre-medical or pre-engineering requirements. Courses 1-10, with the necessary Mathematics, prepare the student to enter industrial research laboratories and should be taken by those expecting to be recommended to scientific positions. Those who wish to elect a major in Physics are advised to take Physics 1-2 and at least 8 additional hours.

ENROLLMENT

It is understood that one laboratory period ordinarily consists of two consecutive hours.

A. INTRODUCTION TO PHYSICAL SCIENCES — A descriptive introduction to the sciences of Geology, Astronomy, and Chemistry, as well as Physics, for freshmen only. Does not count toward laboratory science requirement for graduation nor toward a major. *Three hours a week, second semester.*

1-2. GENERAL PHYSICS — The fundamental physical laws and their applications are taught by lecture demonstration and individual work in the laboratory. Special stress is placed on the laboratory work. Three lectures and two laboratory periods a week. *Five hours a week, two semesters.* Trigonometry required.

3. MECHANICS AND HEAT — An intermediate course designed to give an analytical basis in mechanics with applications made in the field of heat and kinetic theory. Lectures and problems. *Three hours a week, first semester.* Physics 1-2 required.

4. OPTICS — Geometrical and Physical optics and spectroscopy are studied by demonstration lecture and problems. *Three hours a week, second semester.* Prerequisite: Physics 1-2. Calculus should be taken concurrently.

5. MEASUREMENT IN RADIO-FREQUENCY ELECTRICITY — A short introduction to electrical measurements is followed by (1) a thorough study of the thermionic vacuum tube and its various applications; (2) wave meter measurements; (3) studies in electrical resonance, and (4) practical circuits and problems. *Two hours credit, first semester; two laboratory periods weekly.* Prerequisite: Physics 1-2.

6. OPTICAL MEASUREMENTS — A laboratory course accompanying Physics 4. *Two hours credit. Two laboratory periods a week, second semester.*

7. ELECTRICITY AND MAGNETISM — An analytical study of the classical electricity and magnetism up to the 20th century. Lectures. *Three hours a week, first semester.* Prerequisite: Physics 1-2.

8. RECENT ADVANCES IN PHYSICS — A course of lectures dealing with the electrical properties of gases, the electron theory, X-ray, radio-activity, the quantum theory and its application to atomic structure, spectroscopy, and photo-electricity. Lectures. *Three hours a week, second semester.* Prerequisite: Physics 7.

9-10. ELECTRICAL MEASUREMENTS — Use of accurate electrical measuring instruments in modern methods of measuring electrical quantities is made. The last part of the course is devoted to experiments in modern Physics. Laboratory course accompanying Physics 7-8. Two hours credit. *Two laboratory periods a week, two semesters.*

12. SOUND — The course consists of lecture demonstrations and laboratory experiments in the study of wave motion and simple harmonic motion, resonance, interference, reflection, and refraction of waves with special reference to sound. Basic principles of musical intruments. Studies of the ear and voice. Auditorium acoustics and photography of sound waves. Analysis of students' voices and of musical instruments is made. Lectures. *Three hours a week, second semester.*

13-14. PROBLEMS IN PHYSICS — Special laboratory problems may be assigned to a few advanced students. Given upon demand. *Credits and hours to be arranged.* Seniors only.

20. MECHANICAL DRAFTING — This course briefly covers various phases of drafting, materials, and machine design. Three hours per week in the drawing room will usually be sufficient to do the work of one hour's credit. *Not more than two hours' credit allowed.*

PHYSICAL EDUCATION

MR. MACINTOSH; MISS MURPHY; MR. CORRELL.

The aims of the department of Physical Education are (1) the development and maintenance of good health, (2) the development of motor control, coordination, good physical posture, and poise, and (3) the creation of interest in worthwhile recreative activities as aspects of the finest living.

FOR MEN

Attendance in Physical Activity classes two hours a week, both semesters, is required of freshmen and sophomores. A complete physical and medical examination is given every entering male student. Students who are shown to need corrective exercises by this examination are assigned to Corrective classes, in lieu of attendance in the regular Physical Activity classes. Students who are pronounced physically fit by the examining physician are allowed to join inter-collegiate athletic squads. Faithful participation for one season on an athletic squad carries one semester's credit in Physical Activity. Four semesters are required for graduation.

ENROLLMENT

1-2. PHYSICAL ACTIVITY — Required of freshmen men. *Two hours a week, two semesters.* No credit.

3-4. PHYSICAL ACTIVITY — Required of sophomore men. *Two hours a week, two semesters.* No credit.

5-6. CORRECTIVE PHYSICAL EDUCATION — Required of all freshmen who do not pass medical examination. *Two hours a week, two semesters.* No credit.

7-8. CORRECTIVE PHYSICAL EDUCATION — Required of sophomores by assignment of the director. *Two hours a week, two semesters.* No credit.

FOR WOMEN

Physical Activity, 2 hours, and Hygiene, 1 hour, are required of all freshmen, making 3 hours a week. Physical Activity, 3 hours a week, is required of all sophomores.

A physical examination by the school physician is required of all students so that the department may best handle the individual health problems of each student.

Class work consists of general rhythmic gymnastics, dancing, games, self-testing activities, and tumbling. Indoor activities are basketball, volley-ball, and swimming. Outdoor activities are hockey, soccer, tennis, baseball, track, and field.

W. A. A. membership is open to every girl earning sufficient points. The W. A. A. sponsors inter-class and inter-sorority tournaments in the various sports, and cups are awarded the winning teams.

1. PHYSICAL ACTIVITY —Required of freshmen. *Two hours a week, first semester.* No credit.

2. PHYSICAL ACTIVITY — Required of freshmen. *Two hours a week, second semester.* No credit.

3-4. HYGIENE — This course includes health maintenance in colleges, elementary anatomy and physiology, pathological conditions, and physical and mental hygiene. This study helps the student to apply the laws of hygiene to her every-day living. Required of all freshmen. *One hour a week, two semesters.*

5. PHYSICAL ACTIVITY — Required of sophomores. *Three hours a week, first semester.* No credit.

6. PHYSICAL ACTIVITY — Required of sophomores. *Three hours a week, second semester.* No credit.

DEGREES CONFERRED AT THE ANNUAL COMMENCEMENT JUNE, 1932

BACHELOR OF ARTS

Anderle, Joseph Fred ..... Rhinelander, Wisconsin
Bain, William Donald ..... Grosse Pointe Farms, Michigan
Beaman, Chester William ..... Great Lakes
Berg, Ogretta ..... Chicago
Bird, Elizabeth ..... Lakeside, Michigan
Bratzke, William Wilton ..... Grayslake
Brink, Donald Melroy ..... Mankato, Minnesota
Chevrier, Homer Edmonde ..... Wausau, Wisconsin
*Coleman, Vincent Frank ..... Chicago
Colosimo, Joseph Guisseppi ..... Gary, Indiana
Diver, Helen Elizabeth ..... Waukegan
Dunakin, Vera Alberta ..... Lake Villa
Estrera, Pablo C. ..... Cebu, Philippine Islands
Farrell, Lauren Edward ..... Clinton, Iowa
Ferguson, Ralph LeRoy ..... Chicago
Fieldhouse, Benjamin James ..... Gary, Indiana
Fitzgerald, Francis Barry ..... Lake Forest
Fitzgerald, John Edward, Jr. ..... Lake Forest
Ford, Justin Joseph ..... Milwaukee, Wisconsin
Furrey, Joyce Genevieve ..... Evanston
Geist, George Frederick ..... Chicago
Hart, Jean Daniel ..... Clinton, Iowa
Hasse, Echo Mildred ..... Chicago
Johnson, Walter Edward ..... Lake Forest
Jones, Haydn ..... Wilmette
Macdonald, Donald ..... Chicago
Maiman, Leslie Thomas ..... Lake Forest
Maske, Howard Nicholas ..... Chicago

*As of the Class of 1919

McCullough, Genevieve Elsie.....Gurnee
Mitchell, Samuel.....Marquette, Michigan
Nickel, Robert Christian.....Waukegan
Omata, Minoru.....Hanford, California
Onion, John Hancock.....Lewistown
Orr, Clinton Waddington.....Chicago
Parisoe, Wilbert.....Danville
Price, Sterling Blackman.....White Bear Lake, Minnesota
Radke, Marie Cecelia.....Waukegan
Reichelt, Wallace Ward.....Deerfield
Schoeneman, Milo Walter.....Wausau, Wisconsin
Schoenleben, Kenneth Page.....Racine, Wisconsin
Smith, Thomas Emmet.....Waukegan
Stralko, Peter Paul.....Calumet City
Swanstrom, Marjorie Gail.....Chicago
Wainio, Tekla Sofia.....Waukegan
Wakeley, Hugh Jasper, Jr.....Harvard
Williams, Howard Henry.....Milwaukee, Wisconsin
Winship, Romona Lydia.....Chicago
Zink, Ruth Emily.....Tulsa, Oklahoma

BACHELOR OF ARTS IN BUSINESS ADMINISTRATION

Anderson, Philip Lee.....Winthrop Harbor
Duncan, Donald Percy.....Jacksonville
Grant, Thomas William.....Glencoe
Paynter, Richard Travers.....Glencoe
Ponzio, Theodore Joseph.....Waukegan
Wadsworth, Maurice.....Maywood
Zelenik, John Slowko.....North Chicago

MASTER OF ARTS

Pfanstiehl, Caryl Cody (A.B., Chicago).....Highland Park

Thesis Subject: A Study of the Effects of Modification of the Culture Medium upon the Behavior of Paramecium Caudatum as Evidenced by Their Activity within a Capillary Tube.

HONORS FOR 1932

McPHERSON PRIZES

English
Elizabeth Bird

Latin
Marjorie Bernice Witham

Declamation
Harriette Miriam Golden

Oratory
Herbert Bennett Jacobs

SIGMA ETA HONOR SOCIETY

Robert King Hall
Marjorie Bernice Witham
Leslie Thomas Maiman

SHIELD HONORS

Elizabeth Bird
Leslie Thomas Maiman
Haydn Jones
Howard Henry Williams

DEPARTMENT HONORS

Chemistry.....Haydn Jones
Economics and Business Administration.....Leslie Thomas Maiman
Education.....Helen Elizabeth Diver
English.....Elizabeth Bird
French.....Joyce Genevieve Furrey
Italian.....Joseph Guisseppi Colosimo
Mathematics.....Haydn Jones
Physics.....Haydn Jones
Religion.....Joseph Guisseppi Colosimo
Spanish.....Clinton Waddington Orr

ENROLLMENT

ENROLLMENT, 1932-1933

CLASS OF 1933

(Eighty-nine or more semester hours)

Amacker, Edward Arnold, Jr. ..... Hinsdale
Ashton, John Phillip ..... Rhinelander, Wisconsin
Bacon, John Roswell ..... Milwaukee, Wisconsin
Behrens, Ray Dierksmeier ..... Lake Forest
Beneke, Claire ..... Highland Park
Bennett, Winslow Bishop ..... Evanston
Benson, Lillian Olive ..... Rhinelander, Wisconsin
Best, Jacob Hilmer ..... Chicago
Buck, Helen Elsie ..... Waukegan
Burke, Grinnell ..... Glencoe
Butkus, Alex Michael ..... Waukegan
Calhoun, Marian Elese ..... Waukegan
Casey, Mary Jeanne ..... Mundelein
Chandler, Elizabeth Jane ..... Glen Ellyn
Collins, Carlos Alfred ..... Canton
Cornell, Clara Douglas ..... Glencoe
Crook, John Alfred ..... Evanston
Dolton, Flora ..... Mundelein
Fitzgerald, Austen William ..... Lake Forest
Good, Carleton Robert ..... River Forest
Goodman, Anton Charles ..... Kewanee
Hall, Robert King ..... Lake Bluff
Hammond, Richard Dunham ..... Highland Park
Hardt, Henry John ..... Maywood
Hargraves, Walter Foster ..... Rockford
Hawkins, Harry ..... Chicago
Henning, Edward Hugo ..... Clinton, Iowa
Hodge, Ruth Marie ..... Mundelein
Hodgkinson, Milton Hearst ..... Providence, Rhode Island
Imig, Robert Arthur ..... Sheboygan, Wisconsin
Kahn, Charles Frederick ..... Milwaukee, Wisconsin
Katzenmaier, Arthur James ..... St. Paul, Minnesota
Kinser, Harry Leo ..... Terre Haute, Indiana
Kinser, Marie Manning ..... Terre Haute, Indiana
Lewis, Madelyn ..... Evanston
Lutz, William Frank ..... Northbrook

Maier, Dorothy Mildred ..... Chicago
Mansnerus, Lois Irene ..... Waukegan
Mason, Robert Aitken ..... Chicago
Miller, Rita Elliott ..... Milwaukee, Wisconsin
Mitchell, Mildred Alene ..... Clinton, Iowa
McConnell, George Alexander ..... Zion
Nenneman, Eunice Dorothy ..... Chicago
Palt, Ethel Julianna ..... Kenosha, Wisconsin
Perce, Robert Murray ..... Oak Park
Piehl, Frederick, Jr. ..... Rhinelander, Wisconsin
Pietrangeli, Neil Jon ..... Kenosha, Wisconsin
Richards, George Alfred ..... Rhinelander, Wisconsin
Schuster, James Alfred ..... Forest Park
Sickels, Helen Caroline ..... St. Paul, Minnesota
Smigoski, Annie ..... Highland Park
Smith, Kenneth McLane ..... Chairyung, Chosen
Spring, Howard Adelbert ..... Geneva, Ohio
Stearns, Kathryn Lucille ..... Chicago
Stegeman, Richard Alan ..... Milwaukee, Wisconsin
Stevens, Marie Hunt ..... Great Lakes
Stewart, William MacDuff ..... Lake Forest
Stordeur, Charles Theodore ..... Winnetka
Stryker, Harold LeRoy ..... Evanston
Suchanski, Peter Paul ..... North Chicago
Thayer, Robert Henry ..... Glencoe
Uhlemann, Jeannette Louise ..... Winnetka
Waidner, John Thompson ..... Wilmette
Williams, Virginia Catherine Lee ..... Chicago
Witham, Marjorie Bernice ..... Waukegan

CLASS OF 1934

(Fifty-nine or more semester hours)

Adams, Charles William ..... Milwaukee, Wisconsin
Anderson, Marian ..... Winnetka
Attridge, Mildred Lucille ..... Lake Bluff
Aye, Walter Thomas ..... Chicago
Barney, Elizabeth Elvira ..... Chicago
Beerly, Ruth Venita ..... Chicago
Blech, Dalton Bernard ..... Waukegan

Bonnie, Allyn George.....Rhinelander, Wisconsin
Butler, Nathaniel.....Chicago
Clickener, Virginia Maurine.....Waukegan
Commisso, Rocco Ross.....Geneva, Ohio
Cramer, Sterling.....Hinsdale
Davis, William Francis.....Lake Forest
De Vries, Lucille Margaret.....Oak Park
Drakeman, Frederick John.....Lake Forest
Eaton, George Edward.....Chicago
Enos, Jack William.....Chicago
Erickson, Gunnar Carl.....Grosse Pointe, Michigan
Erstad, Ida Marian.....Abercrombie, North Dakota
Faas, Kathryn Pauline.....Chicago
Foran, Catherine Elizabeth.....Milwaukee, Wisconsin
Forrest, Augustus Jerome.....Lake Forest
Golden, Harriette Miriam.....Ravinia
Gottlieb, Dorothea Elizabeth.....Lake Bluff
Haas, Raoul Robert, Jr.....Chicago
Hackley, William Manning.....Oak Park
Hardacre, Milton Joseph, Jr.....Ravinia
Harper, Alice Elizabeth.....Evanston
Heidbrink, Erwin Mathew.....Chicago
Henes, Elizabeth Jane.....Milwaukee, Wisconsin
Hoelzl, Margaret Laura.....Milwaukee, Wisconsin
Hoffman, George Edward, Jr.....Evanston
Hoffman, William Viney.....Winnetka
Jacobs, Herbert Bennett.....Waukegan
Kistler, Floyd Victor.....Waukegan
Kleine, John Henry.....Chicago
Kleinz, William Lee.....Chicago
Knaack, Howard Stanley.....Lake Bluff
Lamb, David Warren.....Hinsdale
Lavery, Ruth Ethel.....Chicago
Lithway, Helen Kathryn.....Chicago Heights
Loomis, Elnora Alice.....La Grange
Luder, Donald Evans.....Mount Horeb, Wisconsin
Maiman, Dorothy Regina.....Lake Forest
Malela, Bernice Veronica.....Waukegan
Morgan, Milton Erwin.....Iron Mountain, Michigan
McKana, Clella.....Wilmette
Parsons, Sampson Louis.....Milwuakee, Wisconsin
Petersen, Carl Marius.....Lake Forest

Rautalahti, Kaarina.....Waukegan
Ridgway, Audrey May.....Freeport
Ritter, Cecile Ruth.....Chicago
Schultz, William Henry J.....Chicago
Speicher, Paul William.....Berne, Indiana
Stickney, William Leopold.....Chicago
Walczak, Emily Shirley.....Milwaukee, Wisconsin
Wenban, Jane Reynolds.....Lake Forest
Wennermark, Alfred James.....Fort Wayne, Indiana

CLASS OF 1935

(Twenty-seven or more semester hours)

Bade, Robert Carl.....Elmwood Park
Bakke, Evelyn Mildred.....Highland Park
Barsamian, Samuel.....Providence, Rhode Island
Barton, Charles Gregory.....Wilmette
Behm, Ernest Charles.....Northbrook
Berndt, Mona Vivienne.....Milwaukee, Wisconsin
Bloom, Paul Romney.....Chicago
Brown, Ernest Theodore.....Park Ridge
Capp, Helen Frances.....Chicago
Clemons, Aileen May.....Milwaukee, Wisconsin
Conner, William Charles.....Winnetka
De Young, Eleanor Margaret.....Waukegan
Dohr, Leslie Morton.....Forest Park
Dwinnell, William Groutt.....Providence, Rhode Island
Dyer, Thomas Hartwell.....Iron Mountain, Michigan
Eckfeldt, Dorothy.....Chicago Heights
Elvin, Thomas Marvin.....Lake Forest
Erickson, Everett Berger.....Iron Mountain, Michigan
Fell, Jacob.....Highland Park
Foscue, Garland Ben, Jr.....Kenilworth
Fuchs, Anton Joseph.....Lake Forest
Fuller, Richard Yates.....Winnetka
Gessner, Alfreda Elizabeth.....Milwaukee, Wisconsin
Gessner, George.....Dysart, Iowa
Gottlieb, Frederick Edward.....Lake Bluff
Gostisha, Frank Carl.....Waukegan
Green, Marlys Lorraine.....Waukegan
Gress, Marye-Stuart.....Chicago
Gruendel, George Harold.....Chicago

Grummitt, Joy Leone ..... Libertyville
Halpern, Ruth Frances ..... Kansas City, Missouri
Hardy, George Alexander ..... Detroit, Michigan
Hecker, Eleanor ..... Milwaukee, Wisconsin
Hoban, William Price ..... Waukegan
Hoffman, Anton Richard ..... Chicago
Holm, Frederick John ..... Waukegan
Holt, Graham ..... Milwaukee, Wisconsin
Holty, Margaret Agnes ..... Aurora
Horvitz, Philip ..... Chicago
Hyder, Jack Bass ..... Milwaukee, Wisconsin
Hynd, John Le Roy, Jr. ..... Glen Ellyn
Jaeckel, Rose Anna ..... Waukegan
Johnson, Lowell Hartley ..... Wilmette
Joyce, Marshall ..... Lake Bluff
Kearney, James Paul ..... Mankato, Minnesota
Kelly, Frank James ..... Lake Forest
Kennedy, Ethyl Gertrude ..... Evanston
Kirkland, Helen Mary ..... Chicago
Kirtland, Robert Hinds ..... Wilmette
Kramer, Ceceil Ray ..... Waukegan
Kroetz, Rudolph Henry ..... Milwaukee, Wisconsin
Krulewich, Isabel Ann ..... Highland Park
Lavery, Paul Gannott ..... Chicago
Leising, Elizabeth Jane ..... Chicago Heights
Liske, George Edward ..... Highwood
Longbrake, Mary Elizabeth ..... Marysville, Ohio
Loveton, John Woodrow ..... Rhinelander, Wisconsin
Malmgren, William Howard ..... Canton
Martin, Richard Pantall ..... Lake Villa
Mellor, Mary Ethlyn ..... Winnetka
Meyer, Audrey Gwendolyn ..... Chicago
Metzler, Harvey Andrew ..... Waukegan
Milhening, Frank Woods ..... Evanston
Miller, Alvin William ..... Chicago
Moore, Eleanor Margaret ..... Waukegan
McEwen, Helen Wilson ..... Highland Park
McKnight, Charles William ..... Chicago
Newsom, Mary Eleanor ..... Libertyville
Niemeyer, Edward William ..... Lake Forest
Nortman, Raymond V. ..... Milwaukee, Wisconsin
Panzer, Frederick Charles ..... Chicago

Patten, Shirley ..... Evanston
Prussing, Herbert Jack, Jr. ..... Kenilworth
Rice, Samuel Orrick ..... Winnetka
Ritchey, Janet Mitchell ..... Chicago
Roberts, Lloyd George ..... Crystal Lake
Sauer, Elizabeth Jane ..... Milwaukee, Wisconsin
Schaus, Douglas Irving ..... Milwaukee, Wisconsin
Schroeder, John Henry ..... Waukegan
Scott, Lillian Brown ..... Winnetka
Searing, Arthur Church ..... Mankato, Minnesota
Seidenfeld, Glenn Kenneth ..... Waukegan
Shaw, William Harold ..... Joliet
Smith, Eldon Edgar ..... Wausau, Wisconsin
Smith, Helen Rigdon ..... Winnetka
Smith, Robert Bigger ..... Chairyung, Chosen
Smith, Rodger Browning ..... Chairyung, Chosen
Spreyer, Frank Lenz ..... Cary
Stevenson, William Andrew ..... Milwaukee, Wisconsin
Stripe, Chester Harold ..... Waukegan
Studer, Mae Elizabeth ..... Libertyville
Toomey, Phillip Edward ..... Lake Bluff
Trownsell, Sidney Chase ..... Iron Mountain, Michigan
Vogt, John Robert ..... Milwaukee, Wisconsin
Voigt, Dorothy Ann ..... Chicago
Watson, Emily Hale ..... Ravinia
Westerman, Wilma Kathryn ..... Milwaukee, Wisconsin
White, Ruth Miriam ..... Rockford
Williams, Griff John ..... Milwaukee, Wisconsin
Wray, Gifford Dean ..... Chicago
Zanier, Frank ..... Lake Forest
Zanier, Leo ..... Lake Forest
Zengeler, Jack Henry ..... Highland Park

CLASS OF 1936

Alexander, Adele ..... Flossmoor
Andrews, Vernon Ray ..... Libertyville
Austin, John Drake ..... Highland Park
Bishop, Harold LaVern ..... Zion
Blair, Calvin Edmund ..... Winnetka
Blake, James Robert ..... Winnetka

Bolles, Elizabeth Lanehart ..... Fort Sheridan
Bolt, Ruth Louise ..... Lake Forest
Bush, James Rufus ..... Great Lakes
Cady, Harold Keith ..... Brimfield
Champlin, Lesley Kirk ..... Glencoe
Christophel, Irene Grace ..... Wilmette
Churchill, George Oliver ..... Grayslake
Comee, Lowell Maurice ..... Glenview
Crawford, Henry Barnes ..... Wilmette
Crawford, Jane Whitson ..... Wilmette
Daiker, Willard Jean ..... Fox Lake
Decker, Helen Mary ..... Libertyville
Diver, William Stowell ..... Waukegan
Dobbin, Robert Raphael ..... Lake Forest
Doswell, Mary Anna ..... Fort Wayne, Indiana
Duane, Margaret Edlena ..... Great Lakes
Eickmeyer, Mildred Ann ..... Milwaukee, Wisconsin
Emery, Elbert Raney ..... Northbrook
Erickson, Ellen Julia ..... Oak Park
Fellows, John ..... Lake Forest
Fowler, John Babbitt ..... Wilmette
Garretson, Frank Kendall ..... Wilmette
George, Jennie ..... Lake Forest
Goodman, Owen Franklin ..... Kenilworth
Gray, Stephen Wood ..... Evanston
Guilford, Robert Andrew ..... River Forest
Guthrie, John Brandon ..... Winnetka
Gyllenberg, Oscar Lee ..... Lake Forest
Hackley, Ruth Adeline ..... Oak Park
Hall, Eugene Charles, Jr. ..... Glen Ellyn
Hammond, William ..... Highland Park
Hayner, Francis Ames ..... Lake Forest
Hecketsweiler, Clarence George ..... Waukegan
Hennings, Ralph Waldo ..... Evanston
Heyworth, Helen Willett ..... Chicago
Hiscott, George Edward ..... Evanston
Hoffman, Edward Herbert ..... Winnetka
Holmes, Defrees ..... Kenilworth
Hopkins, Stephen ..... Deerfield
Hulse, Allen Douglas ..... Fort Sheridan
Ickes, Robert Harold ..... Winnetka
Ingram, Evelyn Marjorie ..... Lake Forest

Jerome, Robert Francis ..... Highland Park
Johnson, Robert Donald ..... Waukegan
Kamper, Reva Lois ..... River Forest
Keehn, Roy Diez ..... Winnetka
Kochenthal, Elizabeth ..... Rochester, New York
Krauspe, Anita Jean ..... Chicago
Lake, Uno Matthew ..... Lake Forest
Landry, Dorothea Etta ..... Fox Lake
Loeb, Frances Louise ..... Chicago
Lowry, Virginia Louise ..... Rock Island
Martin, George William ..... Waukegan
Mason, Charles Meyer ..... Waukegan
Mason, Elbert Hubbard ..... Waukegan
Meline, Leonard Herbert ..... Lake Bluff
Mock, Ruth Ellen ..... Oak Park
McNally, Anne Jeannette ..... Evanston
Nielsen, Martha Louise ..... Lake Forest
Norrington, Robert L. ..... Glencoe
Norris, Richard Corbin ..... Winnetka
Olsen, Albert Royal ..... Waukegan
Palmer, Louis Orton ..... Chicago
Peacock James Frank ..... Chicago
Penrod, William Walter ..... Milwaukee, Wisconsin
Quinn, Omar Hollingsworth ..... Chicago
Reed, Winfield James ..... Zion
Ritzwoller, Herman Hart ..... Chicago
Sieman, Mary Elizabeth ..... Oak Park
Sifler, Paul John ..... Waukegan
Slaughter, Mildred Evonne ..... Lake Forest
Slingluff, Alice Blacker ..... Oak Park
Smith, Wellington Sherwood ..... Chicago
Spurgeon, William Howard ..... Glencoe
Steinhaus, Netta Elizabeth ..... McHenry
Stripe, Julian Rutland ..... Waukegan
Thompson, Eleanor Louise ..... Evanston
Thrall, William Austin ..... Winnetka
Toomey, Charles William ..... Lake Bluff
Tweed, Norman Edward ..... Fox Lake
Waldo, Frances Charlotte ..... Libertyville
Walters, Arthur Edward ..... North Chicago
Wanner, Franklin Dolan ..... Kenilworth
Warble, Clyde Kenneth ..... Wilmette

Wenban, George Irving.....Lake Forest
Wendt, Erwin Walter.....Chicago
Widmark, Richard.....Libertyville
Winkler, Hugo G. Joló.....Fort Sheridan
Woodall, William John.....Glencoe
Wuhs, Curtis.....Chicago
Youngkin, Catherine Gertrude.....Great Lakes

SPECIAL STUDENTS

Carter, Donald Charles.....Lake Forest
Foley, Edward F.....Waukegan
Hall, Marjorie Rebecca.....Wauwatosa, Wisconsin
Jones, James Lee.....Lake Forest
Keys, John Russell.....Evanston
Larson, Inez.....Glencoe
Plaister, Edna Hasty.....Waukegan
Przyborski, Max Clement.....North Chicago
Rogers, Eleanor Bartlett.....Lake Forest
Wilkins, Merva Jean.....Lake Forest

SUMMARY OF STUDENTS

	Men	Women	Total
Class of 1933	40	25	65
Class of 1934	33	25	58
Class of 1935	67	35	102
Class of 1936	66	32	98
Special Students	5	5	10
	211	122	333

SUMMARY BY STATES AND COUNTRIES

Chosen	3
Illinois	265
Indiana	4
Iowa	3
Michigan	6
Minnesota	4
Missouri	1
New York	1
North Dakota	1
Ohio	3
Rhode Island	3
Wisconsin	39
TOTAL	333

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